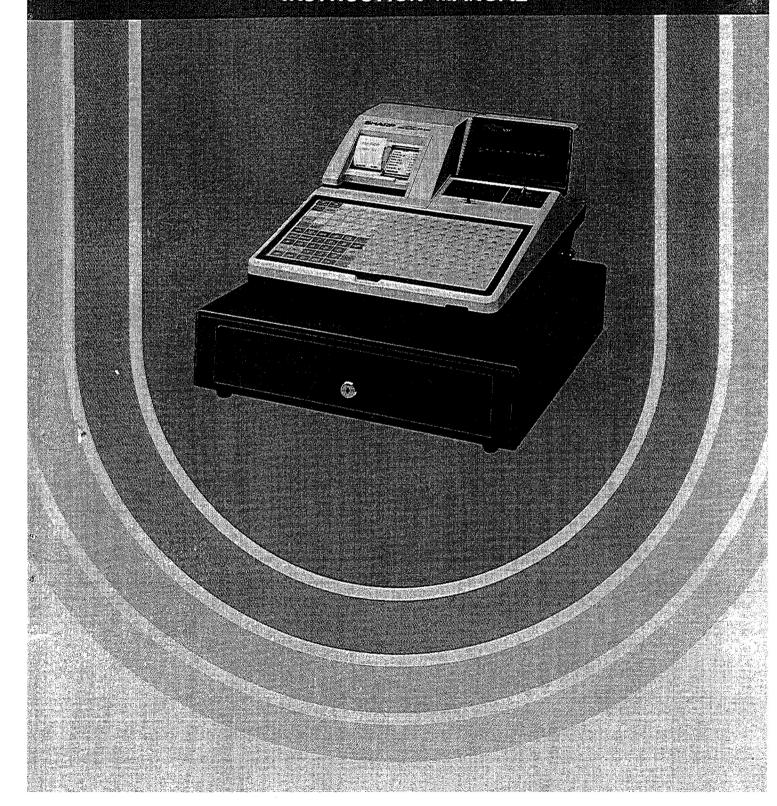


ELECTRONIC CASH REGISTER

MODEL R-3100

INSTRUCTION MANUAL



If undue force is applied to the draw the cash register will become unstable.

This apparatus complies with requirements of BS 800 and EEC directive 82/499/EEC.

Dieses Gerät stimmt mit den Bedingungen der EG-Richtlinien 82/499/EWG überein.

Cet appareil répond aux spécifications de la directive CEE 82/499/CEE.

Dit apparaat voldoet aan de vereiste EEG-reglementen 82/499/EEG.

Apparatet opfylder kravene i EF direktivet 82/499/EF.

Questo apparecchio è stato prodotto in conformità alle direttive CEE 82/499/CEE.

Αύτή ή συσκευή τησεί τίς προδιαγροφές τῆς ΕΕΟ ντιρεκτίβα 82/499/ΕΕΟ.

Este aparelho responde às especificações da directiva 82/499/CEE.

Este aparato cumple las especificaciones de la directriz de la CEE 82/499/CEE.

CAUTION:

For a complete electrical disconnection pull out the mains plug.

VORSICHT:

Zur vollständigen elektrischen Trennung vom Netz, den Netzstecker ziehen.

ATTENTION:

Pour obtenir une mise hors-circuit totale, débrancher la prise de courant secteur.

AVISO:

Para una desconexión eléctrica completa, desenchufar el enchufe de tomacorriente.

VARNING:

För att helt koppla från strömmen, dra ut stickproppen.

INTRODUCTION

Thank you very much for your purchase of the SHARP Electronic Cash Register, Model ER-3100.

Please read this Manual carefully before operating your machine in order to gain a full understanding of its functions and performance.

Please keep this Manual for further reference. It will help you, if you encounter any operational problems.

IMPORTANT

- Install your ER-3100 in a location that is not subject to direct radiation, unusual temperature changes, high humidity or exposed to water sources.
 Installation in such locations could cause damage to the cabinet and the electrical components.
- The register should not be operated by an individual with wet hands.
 The water could seep into the interior of the ER-3100 and cause component failure.
- When cleaning your register, use a dry, soft cloth. Never use volatile liquid, such as benzine and thinner.

The use of such chemicals will lead to discoloration or deterioration of the cabinet.

- The ER-3100 register plugs into any standard wall outlet (local voltage ±10% AC). Other electrical devices on the same electrical circuit could cause the ER-3100 to malfunction.
- If the register malfunctions, call your local dealer for service Do not try to repair the register yourself.

PRECAUTION

This Electronic Cash Register has a built-in memory protection circuit which is operated by rechargeable batteries.

As you know, all batteries will, in time, dissipate their charge even if not used.

Therefore to insure an adequate initial charge in the protection circuit, and to prevent any possible loss of memory upon installation, it is recommended that each unit be allowed to recharge for a period of 24 to 48 hours prior to use by the customer.

In order to charge the batteries, the machine must be plugged in and left on in the "REGISTER MODE". This recharging precaution can prevent unnecessary initial service calls.

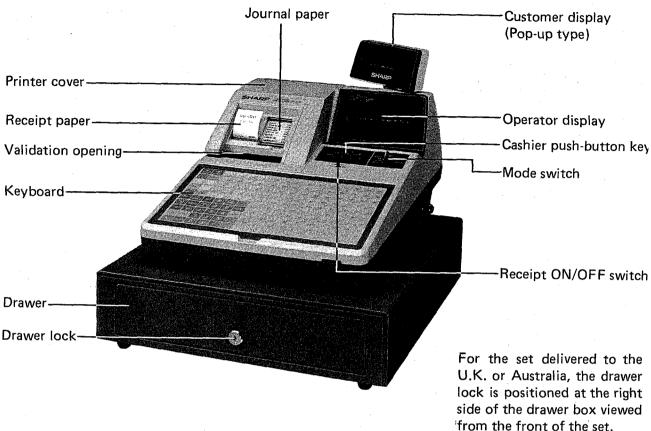
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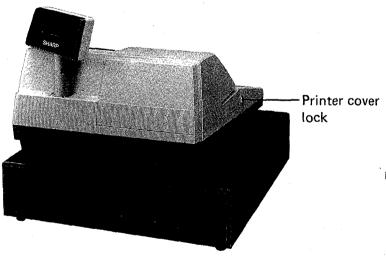
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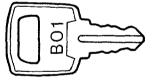
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PHYSICAL CHARACTERISTICS OF THE ER-3100 REGISTER

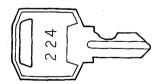




Drawer lock key



Printer cover lock key



 Drawer open key for the U.K. or Australia model



■ Drawer lock

Lock:

Turn 180 degrees counterclockwise

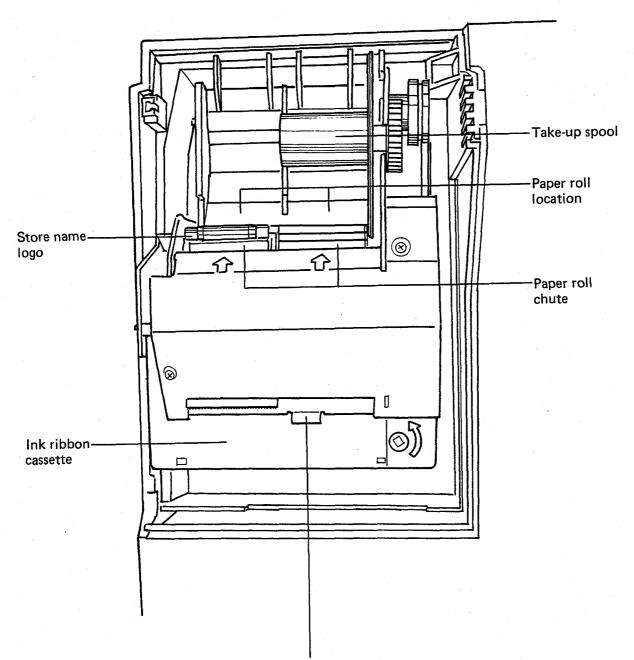
Unlock: Turn 180 degrees clockwise

■ Printer cover lock

Lock:

Turn 90 degrees counterclockwise.

Unlock: Turn 90 degrees clockwise.



Paper roll release lever

Used to load or unload the machine with paper roll (receipt and journal paper). Keep the lever down to take in or out the paper roll.

Note:

Do not attempt to take in or out the paper roll with this lever at the up position.

This may result in trouble.

KEYBOARD LAYOUT AND SWITCH AND KEY DESCRIPTIONS

KEYBOARD LAYOUT

		i	Depart	ment k	eys			Direct	t Price	look-u	p (Mer	nu) key:	s		
A RECEIPT	↑ JOURNAL	5	10	15	20	10	20	30	40	50	60	70	80	90	100
VР	RCPT	4	9	14	19	9	19	29	39	49	59	69	79	89	99
		3	8	13	18	8	18	28	38	48	58	68	78	88	98
ΕX		2	7	12		7	17	27	37	47	57	67	77	87	97
NS	SHIFT	1	6	11	16	6	16	26	36	46	56	66	76	86	96
RA	VAT SHIFT	VAT	(8)	GE.	Au	5	15	25	35	45	55	65	75	85	95
PO	GUEST	7	8	9	CR	4	14	24	34	44	54	64	74	84	94
#	Θ	4	5	6	СН	3	13	23	33	43	53	63	73	83	93
%1	%2		2	3	Theist	2	12	22	32	42	52	62	72	82	92
			00		71	1	11	21	31	41	51	61	71	81	91

- Note 1): The above keyboard layout is standard. The machine has been shipped with the standard keyboard layout sheet attached.
- Note 2): All the keys but the receipt paper feed and journal paper feed keys can be changed in their positions. If you want to change the layout, however, contact your dealer.

0)		VAT	Value added tax shift key
9	Numeric keys	GUEST	Guest check copy key
00		# ,	Non add key
•	Decimal point key	Θ	Discount key
®	Multiplication key	%1)	David A and O lives
CL	Clear key	%2 \int	Percent 1 and 2 keys
1		RF	Refund key
20	Department keys	S	Void key
PLU	Price look-up key	CR	Credit key
		CH	Cheque key
100	Direct price look-up (Menu) keys	TM/ST	Time display/Sub-total key
VAT	Value added tax key	TL	Total/Amount tendered key
EX	Currency conversion key	VP	Validation print key
NS	No sale key	RCPT	Receipt print key
LEVEL SHIFT	Level shift key	RECEIPT	Receipt paper feed key
RA	Received-on-account key	JOURNAL	Journal paper feed key

PO

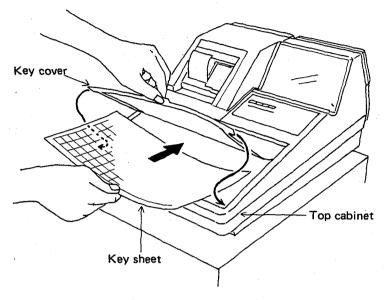
Paid-out key

Attaching of the key sheet

The ER-3100 packing carton contains three types of key sheet: the standard keyboard layout, the blank key sheet, and that for programming.

You can write or type captions on the blank key sheet.

Insert the key sheet between the key cover and the top cabinet from the front as illustrated below.

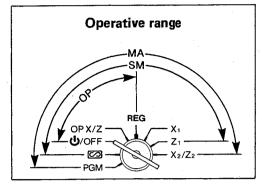


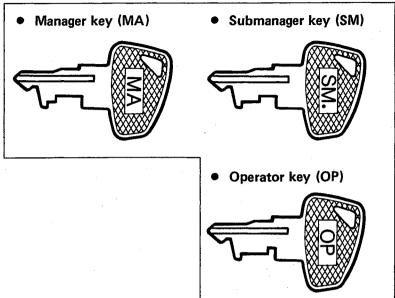
The standard key sheet can be replaced with either of the other two types.

- Note 1) Do not pull the key cover too tightly. The cover may be broken.
- Note 2) Replace the key sheet with new one if by chance it gets wet. Too long use of a wet key sheet may result in a machine trouble.
- Note 3) Be sure to use the SHARP-specified key sheets. Too thick or hard sheets can make you feel heavy on key operation, or worse, keying-in might be impossible.
- Note 4) Spread the key sheet properly under the key cover, without any fold or wrinkle, to ensure easy key-in operation.
- Note 5) If you require the key sheet, please consult your dealer.

1. Mode switch and mode keys

The mode switch can be operated by inserting one of the three supplied mode keys — manager (MA), submanager (SM), and operator (OP) keys. The keys can be inserted or removed only when they are in the REG or **b** /OFF position.





The mode switch has these settings:

ዕ/OFF: For switching off the display.

OP X/Z : Permits reading and resetting of sales total by cashier.

REG: Permits various entries.

X1 : Allows reading of daily sales total.

Z1 : Allows resetting of daily sales total.

X2/Z2 : Allows reading and resetting of weekly or monthly sales total.

PGM: Allows programming essential to entries.

: Allows cancellation after the finish of a transaction.

2. Cashier push-button keys A, B, D, and E



These keys serve to identify the operators of the register.

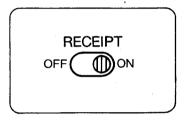
Depress any one of these four keys.

The register prints the symbol that corresponds to the depressed cashier key. (The register prints the symbol "A" both on the receipt and on the journal when operated with the cashier key A.)

Note:

The register won't operate unless a cashier key is down.

3. Receipt ON-OFF switch

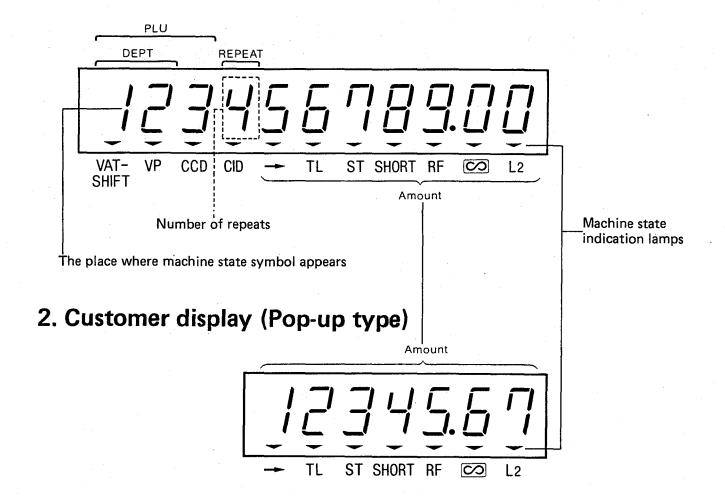


This switch permits or prohibits receipt printing. To permit printing on the journal alone without receipt, slide the switch to the OFF position and to permit printing on both the journal and the receipt, slide it to the ON position.

Note: Your register will print receipts regardless of the position of this switch except when the mode switch is in the REG position. This means that the receipt roll must be installed even when this switch is kept in the OFF position.

DISPLAYS

1. Operator display



* The number of repeats is displayed from "2" and counted up with each repeat. When you've registered ten times, the display shows "0."

Example: $(2 \rightarrow 3 \rightarrow 4 \cdots 9 \rightarrow 0 \rightarrow 1 \rightarrow 2 \cdots)$

Machine state symbols

P : Appears in the eleventh place from the right during programming.

E : Appears in the eleventh place when an error is detected.

- : Appears when an entry is made into a minus department or PLU and (Floating) when a discount, reduction, or refund entry is made or corrected.

Machine state indicator lamps

: This lamp lights up when the sup key is pressed. L2

: This lamp lights up during operations in the ome. S

RF : This lamp lights up when a refund entry is made.

SHORT: This lamp lights up when the amount tendered is smaller than the total

sale amount.

: This lamp lights up when a subtotal is displayed. ST

: This lamp lights up when a transaction is finalized by pressing the CH, TL

CR, or TL key without any amount tendered entry.

: This lamp lights up whenever the change due appears in the display

or when the total sale amount is negative.

: This lamp lights up when the cash in drawer exceeds the programmed CID

limit.

: This lamp lights up during the entry of compulsory cash/cheque declara-CCD

tion.

VP : This lamp lights up when the machine is programmed for compulsive

validation printing.

VAT-: This lamp lights up when the VAT status is shifted. SHIFT

OVERFLOW ERROR ALARM

The purpose of the overflow error alarm is to alert the operator that the digit capacity of the register has been exceeded. The audible alarm sounds (beep) is accompanied by the " — " symbol in the register display. Any transaction entry is dis-allowed until the error is cleared. To clear the error, press the CL key.

Error condition	Action
(1) A number entry greater than 8 digits.	Clear the entry and enter a valid number.
(2) An entry is made over the preset limit to the number of digits or to the amount entry.	 Clear the entry and make an entry within the existing limit.
(3) Sub-total of one transaction exceeds 7 digits.	 Clear the entry and press the TL, CH or CR key to finish the transaction. The machine prints the amount that had been calculated before the error occurred.
(4) Q'ty x Unit price exceeds 7 digits.	Clear the entry and re-enter properly.

• If a key is operated by mistake, the error alarm signal sounds briefly.

The machine will refuse any further key input at this time, so operate proper keys successively.

HOW TO PROGRAM ALPHANUMERIC CHARACTERS

Use the accompanying programming key sheet to key in numbers, letters and symbols. Using the assigned touch keys, it is easy to program alphabetical letters as well as symbols. For placing the key sheet, refer back to page 9.

- Numerals, letters and symbols are programmable simply by pressing the touch keys.
- Double-size characters can be made by using the (DC) key.

Example: To program the word "SHARP" in double size, do the following key-in.

(DC) S (DC) H (DC) A (DC) R (DC) P

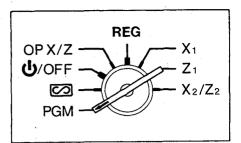
• In this layout there are all the keys required for programming. So you can do every kind of programming on this key sheet.

Programming key sheet

	↑ RECEIPT	↑ JOURNAL	1	FT													
	Г	Ψ	2	F	\odot	{	}	•	-	•	>	†	\			[]	i
	Δ	Ω	3	Т	\odot	I	1!		,	•	<	>	^	ં	=	+	
	Θ	1/2	4	1/2	"	a	Æ	Ø	Å	Ñ	Ç	٥	Pt	£	?		
	$oxed{\Lambda}$			(DC)	i	!	٠٠	§	\$	%	¢	&	()	*	#	ı
i	E			8	CL	1	2	3	4	5	6	7	8	9	0	В	ı
	π		7	8	9	Q	w	E	R	Т	Υ	U	I	0	Р	U	
ļ	Σ		4	5	6	A	S	D	F	G	Н	J	К	L	Ö	Ä	
	Υ			2	3	TM/ST	Z	X	С	V	В	N	М	;		/	ł
	Φ		0	00	•	TL		SPACE	SPACE	SPACE	SPACE	SPACE		,			;
					•												

- Note 1) The shaded keys () cannot be used as a character key.
- Note 2) The (DC) means double-size character code and this key is used for double-size character programming.

PROGRAMMING

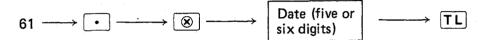


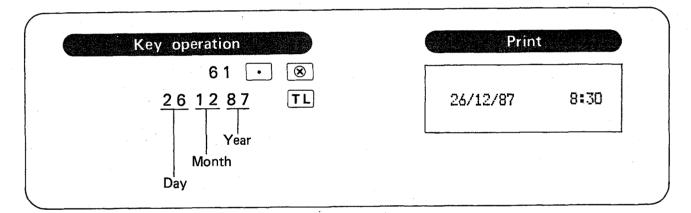
• Turn the mode switch to the PGM position.

1. Setting the date and time

(1) Setting the date

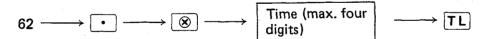
Procedure

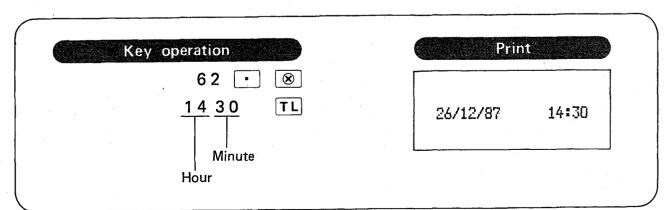




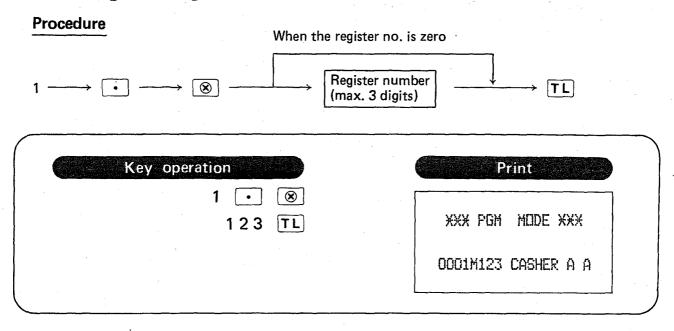
(2) Setting the time

Procedure

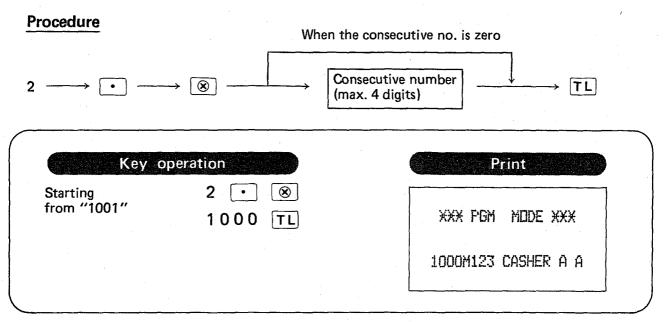




2. Setting the register number



3. Setting the consecutive number

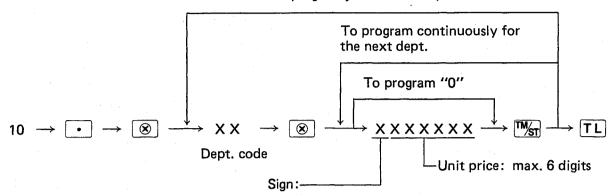


4. Programming for departments

(1) Programming signs (+/-) and unit prices

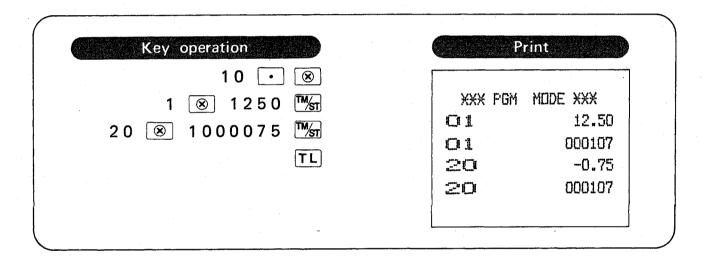
Procedure

To program just for this dept.



To program the sign "+", do not enter any digits.

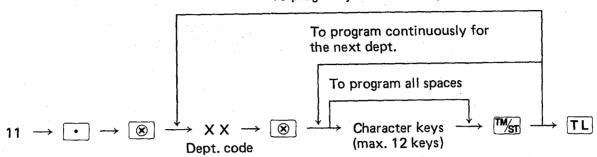
To program the sign "-", enter any one of 1 through 9

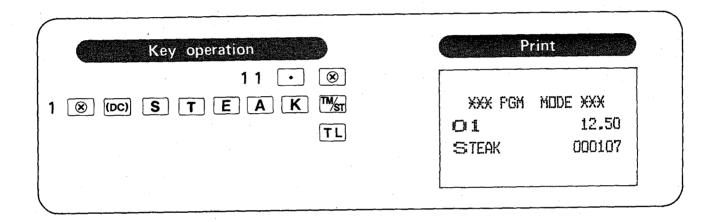


(2) Programming alphanumeric characters (max. 12 characters)
Up to 12 characters can be programmed for each department. Use the programming key sheet for this programming.

Procedure

To program just for this dept.

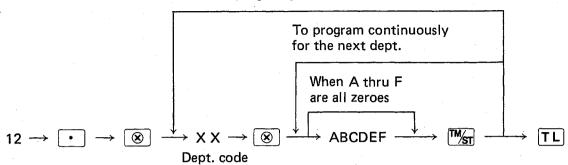




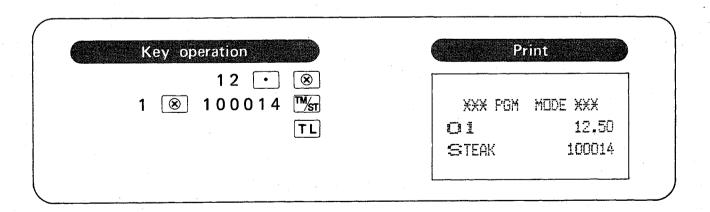
(3) Programming the availability of the entry of programmed unit prices, single item cash sale (SICS), tax status, and digit entry limit.

Procedure

To program just for this dept.



	Item		Entry
^	To 2 status	Taxable 3	1
A	Tax 3 status	Non taxable	0
В		Taxable 2	1
	Tax 2 status	Non taxable	0
		Taxable 1	1
С	Tax 1 status	Non taxable	0
ъ		Available	1
D	Entry of programmed unit prices	Not available	0
	City to the sale	Yes	1
E	Single item cash sale	No	0
F	Digit entry limit		0~7



5. Price look-up (PLU) programming

 The ER-3100 is equipped standard with 359 PLUs (or 311 PLUs if the machine has the stock quantity control function). The PLU function can be expanded up to 987 PLUs (or 855 PLUs) when the optional RAM (ER-46PL1) is added on. The number of PLUs and the number of added optional ER-46PL1's are in the following relationship.

No. of ER-46PL1's	Stock quantity control function				
NO. 01 EN 401 E1 3	Not provided	Provided			
	359 (1-359)	311 (1–311)			
1	673 (1–673)	583 (1-583)			
2	987 (1-987)	855 (1-855)			

- The ER-3100 also has 100 DIRECT PLU keys and a LEVEL SHIFT key. Up to 200 PLUs (PLU Nos. 1 thru 200) can be programmed by pressing the DIRECT PLU keys without having to use PLU numbers.
 - Note 1) The direct PLU is part of the PLU function. But the "direct" PLU programming is distinguished from the "general" PLU programming because the direct key-in operation is possible regardless of PLU numbers in the former mode.
 - Note 2) Each direct PLU is programmed the same way as for the general PLU programming.
- Two menu items can be programmed with each direct PLU key. (The two menu items can be picked up with the LEVEL SHIFT key.)
- The DIRECT PLUS keys and the PLU numbers have the following relation. (These PLU numbers are used also in programming the direct PLU.)

DIRECT PLU keys

1 2 3 4 5

A1 A2 A3 A4 A5

B1 B2 B3 B4 B5

B99 100

B100

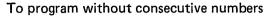
A1, A2, A100: Upper (front) menu items B1, B2, B100: Lower (back) menu items

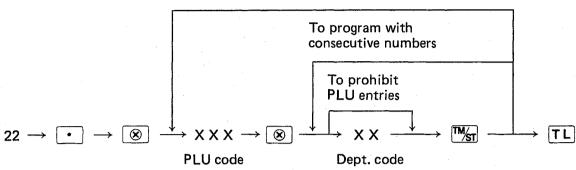
Menu item	A1	A2	• • • •	A100	B1	В2	 B100
PLU number	1	2	• • • •	100	101	102	 200

(1) Programming associate departments

• The sign, tax status, and single-item cash sale function of each PLU depends upon its associated department.

Procedure





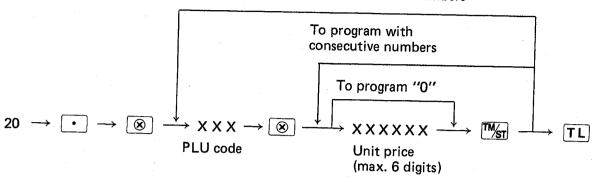
Key operation	Print
22 🕟 🛞	
1 ⊗ 2 ™st	XXX FGM MODE XXX
2	001PLV 0.01 2# 0 2
2 0 ⊗ 3 ™st	002PLU 0.02
TL	020PLU 0.20

Note: As soon as the programming is completed for one PLU, the next PLU number appears in the display.

(2) Programming unit prices

Procedure

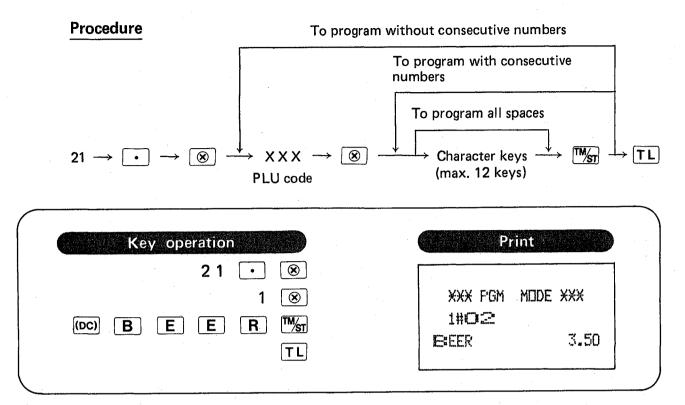
To program without consecutive numbers



Key operation	Prin	(
20 🕟 🛞		
1 ⊗ 350 ∰sī	XXX FGM MI	IDE XXX
5 0 0 TM/st	001PLU 2#02	3.50
20 ⊗ 725 ™ ₅т	002PLU	5.00
TL	20#©3 020PLU	7.25
	UZUPLU	7.25

(3) Programming alphanumeric characters (max. 12 characters)

Up to 12 characters can be programmed for each PLU number. Use the programming key sheet for this programming.

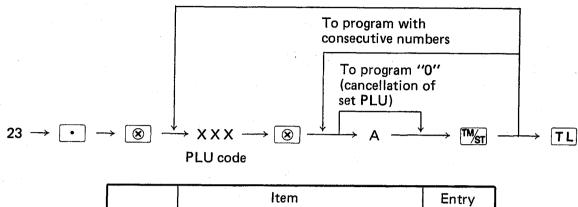


(4) Programming set PLUs

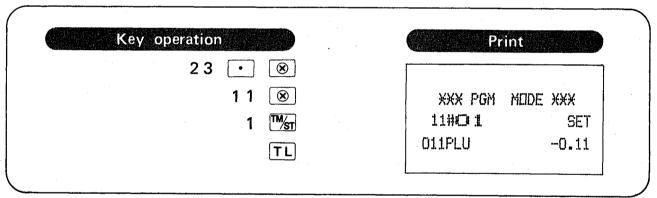
When two or more menu items, consisting of some PLUs, are to be programmed together, set PLUs should be specified. Up to 10 PLUs can be programmed.

Procedure

To program without consecutive numbers



Item		Entry	
A Set PLU	Cot Di II	Programming	1
	Cancellation	0	



- Note 1) Programming of set PLUs is carried out the same way as for ordinary PLUs.
- Note 2) Set PLU prices can be obtained by automatically summing up the unit prices of individual PLUs which have been programmed.
- Note 3) With set PLUs, discounts can be also programmed. When a discount has been preset, the amount, which is determined by deducting the discount from the total of individual PLU prices, is programmed as the set PLU price.

To program a discount of set PLU, refer back to "(2) Programming unit prices" on page 23. Replace the unit price with the discount in the procedural steps. A discount can be programmed up to 6 digits, too.

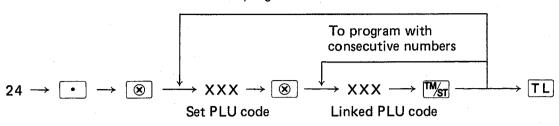
Note 4) For programming associate departments as well as alphanumeric characters as to set PLUs, take the procedural steps in "(1) Programming associate departments" and "(3) Programming alphanumeric characters," respectively.

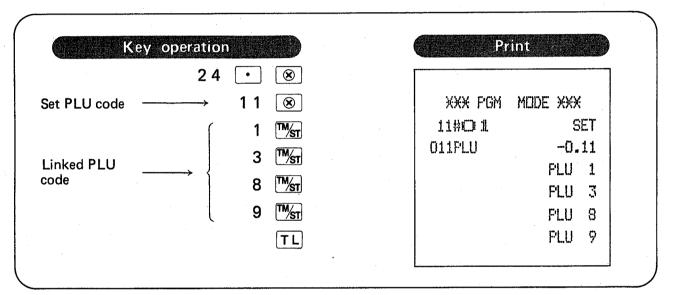
(5) Programming linked PLUs for set PLUs

Program individual PLUs to link up with a set PLU. Up to 5 PLUs can be linked to each set PLU.

Procedure

To program without consecutive numbers





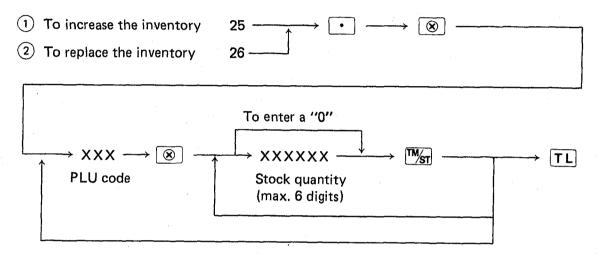
Note: Each PLU number can be programmed in two or more set PLUs.

Example:	Set PLU No. 11	Set PLU No. 12	Set PLU no. 13
	PLU no. 1	PLU no. 5	PLU no. 8
	PLU no. 2 ←	→ PLU no. 2 ←	→ PLU no. 2
	PLU no. 3	PLU no. 7	PLU no. 10

(6) Programming stock quantity

- This programming is available only on the machine equipped with the stock quantity control function. For details, contact your dealer.
- Once programmed, stock quantities can be automatically updated (increased or decreased) by the stock memory.
- The programming is available in two types; ADD type in which an inventory is added to the programmed level, and OVERRIDE type in which the programmed level is cancelled and a new programming is set up.

Procedure



Key operation

- 25 **®**
 - 1 🛞
 - 100 TM/st
 - 200 TM/ST
 - **5** 🛞
 - 7 0 TM/ST
 - TL

Print

	ŕ	
XXX PGM	MODE	XXX
1#02		
EFEER		3.50
S		0
S+		100
S		100
2#02		
002FLU		5.00
S		0
5+		200
S		200
5#O 1		
005PLU		0.05
S		0
S+		70
S		70

Key operation

- 26 🛞
 - 3 🛞
 - 50 TM/st
 - 100 TM/ST
 - - 7 🛞
 - 85 TM/st
 - TL

Print

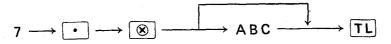
XXX PGM 3#CD1	MODE XXX
003PLU	0.03
S	50
4#O1	
004FLU	0.04
S	100
7#01	
007PLU	0.07
S	85

6. LEVEL SHIFT function

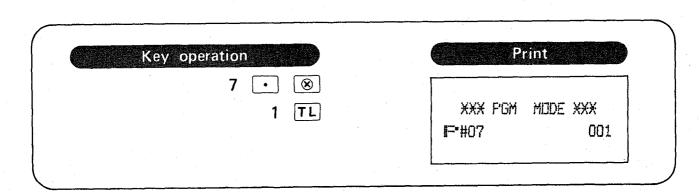
- LEVEL SHIFT key (usable/unusable)
 The LEVEL SHIFT key can be on standby or not whenever it is needed.
- Standard menu programming (upper/lower menu blocks)
 Either the upper (front) and lower (back) menu blocks can be selected as standard.
 - Note) The standard menu block can be programmed simply by pressing the DIRECT PLU key. The other (non-standard) menu block is programmed by pressing the LEVEL SHIFT key first and then the DIRECT PLU key.
- Menu change programming (ONE-SHOT/STAY-DOWN)
 - (1) ONE-SHOT: The two menu blocks are changed each other only when the
 - LEVEL SHIFT key has been pushed down.
 - (2) STAY-DOWN: One menu block stays unchanged until the LEVEL SHIFT key is pressed again.

Procedure

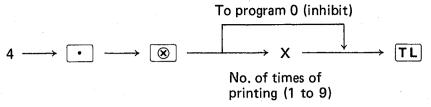
When A thru C are all zeroes

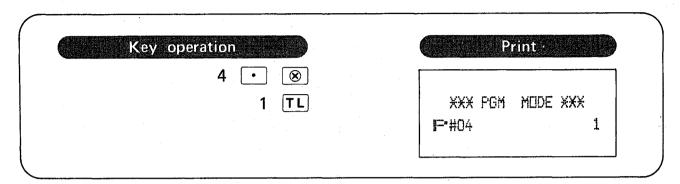


	Item		Entry
<u> </u>		Usable	0
A	LEVEL SHIFT key use	Unusable	1
		Upper menu	0
В	Standard menu block	Lower menu	1
		ONE-SHOT	0
С	Menu change programming	STAY-DOWN	1



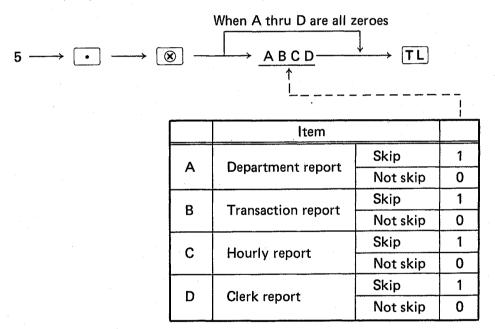
7. Programming the limit to the number of times of validation printing

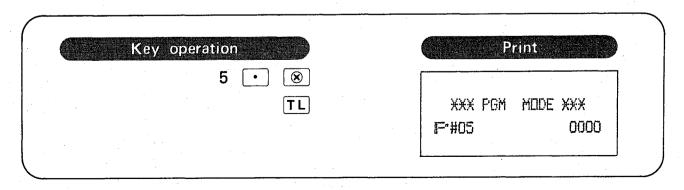




8. Programming for report skipping

A full item X/Z report consists of department, transaction, hourly, and cashier reports, and any reports of them may be skipped by block if they are not necessary.



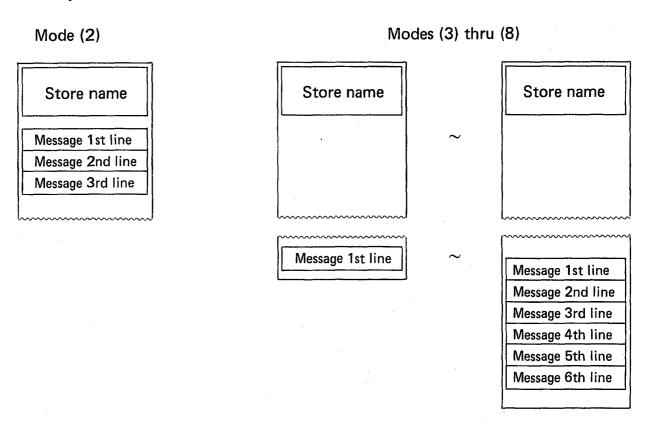


9. Programming alphanumeric characters for logo (header and footer) messages (max. 126 characters)

The ER-3100 can print logo messages in the following eight manners. You can select any one of them.

- (1) No logo message printed (store name only)
- (2) 3-line logo message below the store name
- (3) 1-line logo message at the bottom of receipt
- (4) 2-line logo message at the bottom of receipt
- (5) 3-line logo message at the bottom of receipt
- (6) 4-line logo message at the bottom of receipt
- (7) 5-line logo message at the bottom of receipt
- (8) 6-line logo message at the bottom of receipt

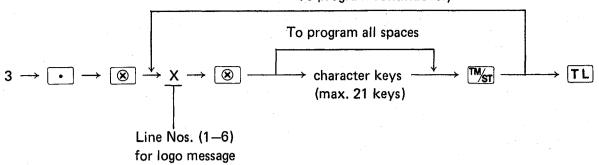
Printed positions on the receipt



Note) Up to 21 characters can be programmed per line. For this programming, use the programming key sheet.

Procedure

To program continuously



TM/ST

TL

Key operation 3 8 **8** 1 $\lceil R \rceil$ * * R A U \mathbb{N} * * * * * TM/ST **8** 2 (DC) * * (DC) R S (DC) (DC) (DC) * * * * *

Print

XXX PGM MODE XXX XXXXXXRESTAURANTXXXXX

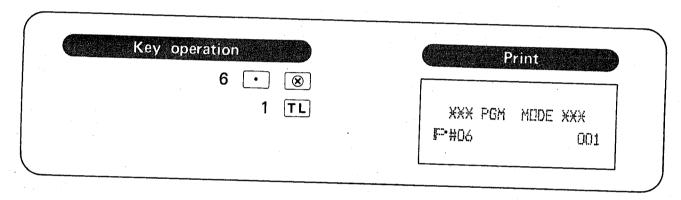
XXXXXXESTAURANTXXXXX XXXXXXSIIIGIE: E*XXXXX

10. Programming for journal select

Procedure	When A thru C are all zeroes
$6 \longrightarrow \boxed{\bullet} \longrightarrow \boxed{\otimes} \longrightarrow$	$\longrightarrow ABC \longrightarrow \boxed{TL}$

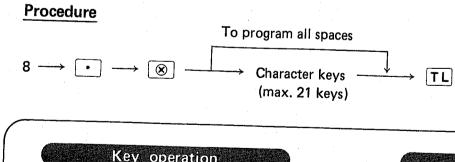
	Item		Entry
A	Logo messages for journal	Skip	0
	, , , , , , , , , , , , , , , , , , , ,	Not skip	1
В	Time printing*	Skip	0
		Not skip	1
С	Journal select (plus dept/plus PLU skip)	Skip	0
This programs in the second state of the secon	Not skip	1	

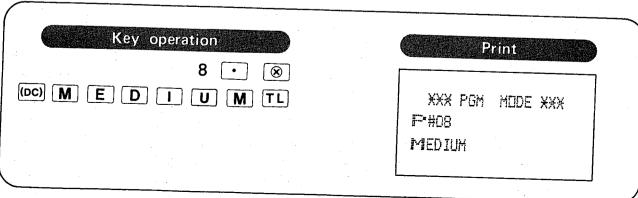
^{*:} This programming is valid for both the receipt and the journal.



11. Programming text characters for free text print (max. 21 characters)

One-line free text can be printed only once just when programming the text characters. Up to 21 characters can be programmed for the free text. Use the programming key sheet for this programming.

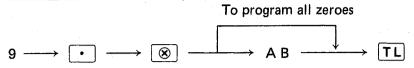




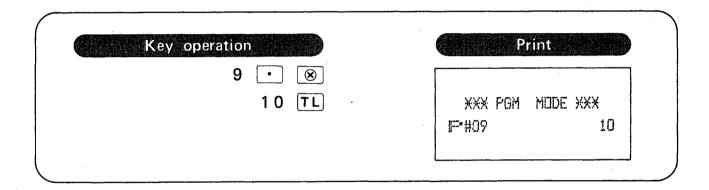
12. Programming to select whether to enable or disable each function

By this programming you can decide whether to enable or disable the void (direct/indirect void), and refund functions in the REG modes.

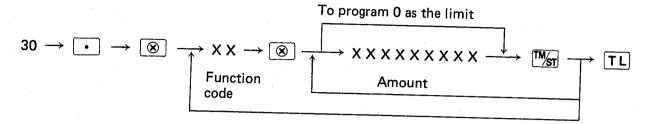
Procedure



	Item	`	Entry
	D. C. J.	No	1
A	Refund	Yes	0
p Void	Void	No	1
В	(direct/indirect)	Yes	0



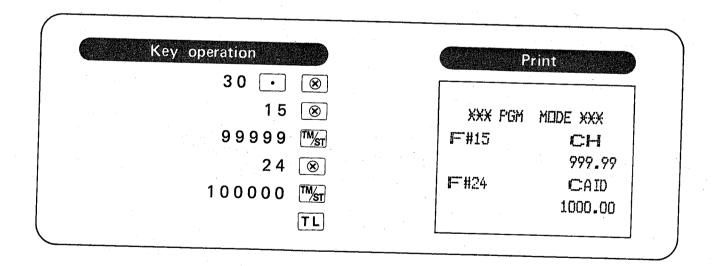
13. Programming the amount entry limit for functions



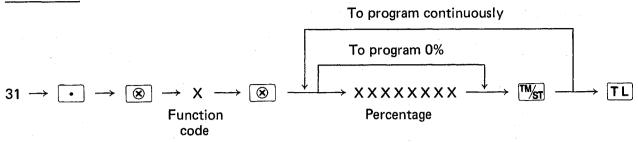
Function code	Function	Limit
11	ITEM ⊖	
12	SBTL ⊖	-
15	СН	Max. 7 digits
16	CR	(99999.99)
13	RA	
14	PO	
24	CID*	Max. 9 digits (9999999.99)

^{*:} The sentinel amount of CID (Cash in drawer) is programmed.

If the programmed sentinel amount of CID is exceeded, the "CID" lamp lights up to tell of that.

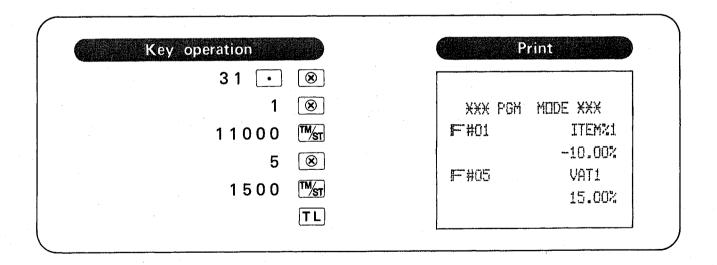


14. Programming the percentage for <code>%1</code> , <code>%2</code> , <code>VAT</code> , and <code>EX</code> keys



Function	Function code	Remarks
Item %1	1	
Item %2	2	
SBTL %1	3	
SBTL %2	4	Mary 4 digita
VAT 1	5	Max. 4 digits (0.01 ~ 99.99%)
VAT 2	6	
VAT 3	7	:
Conversion 1	8	
Conversion 2	9	Max. 8 digits (0.0001 ~ 9999.9999%)
Conversion 3	10	(5.5001 5555.557)

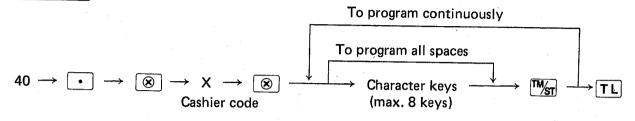
^{*:} When you program the percentage for %1 or %2 as a negative one, key in one digit before entering the percentage.



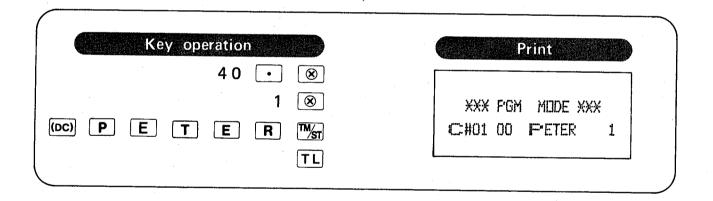
15. Programming for cashiers

(1) Programming cashier's name

You may program a maximum of eight characters for each of 4 cashiers. Use the programming key sheet for this programming.

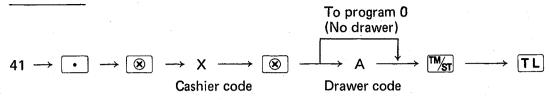


Cashier code	Cashier
1	Α
2	В
3	D
4	E



(2) Assigning cashier's drawer

Procedure



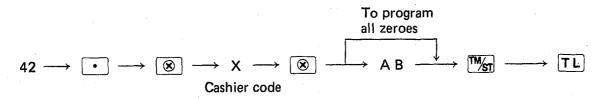
Cashier code	Cashier
1	А
2	В
3	D
4	E

Drawer	Drawer code
No drawer	0
Standard drawer	1
Remote drawer	2

Note: The remote drawer is an option.

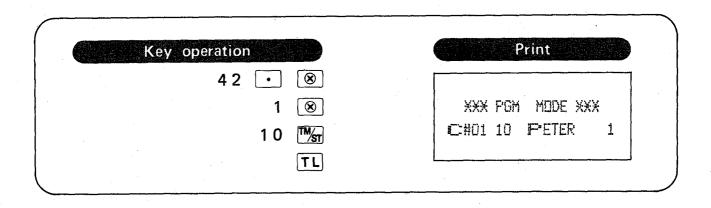
Key operation	Print
41 🕙	
1	XXX PGM MODE XXX
1 TM/st	C#01 00 FETER 1

16. Programming the VAT shift and guest check copy for cashiers



Cashier code	Cashier
1	Α
2	В
3	D
4	E

	Item		Entry
	N. A. T. 1.16.	Yes	1
A VAI	VAT shift	No	0
	O and all and a name	Disallowed	1
B Guest che	Guest check copy	Allowed	0

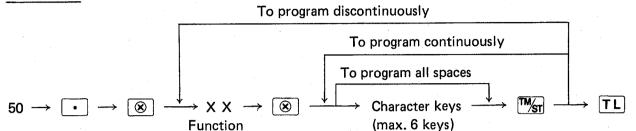


17. Programming alphanumeric characters for function keys

The standard texts that are printed in entry operations, reading, and resetting are listed below. You can change these texts as necessary by this programming.

Use the programming key sheet for this programming.

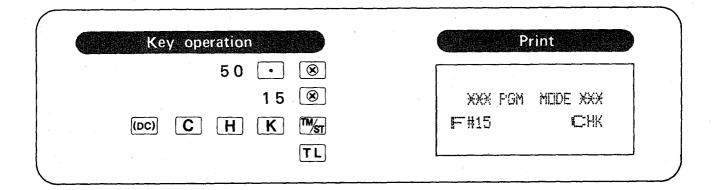
code



Function code	Standard text	Function code	Standard text	Function code	Standard text
1	ITEM %1	28	TTL	48*2	PLU
2	ITEM %2	29	SUBTL	49	PLU/DP
3	ST %1	30	TAXBL 1	50	SETPLU
4	ST %2	31	TAXBL 2	51	DAILY
5	VAT 1	32	TAXBL 3	52	STOCK
6	VAT 2	33	VATSFT	53*1	CCD
7	VAT3	34	GRS TL	54*1	TLIS
8	CONV. 1	35	-DPT	55*1	DIFFER
9	CONV. 2	36	NET	56	TAXDEL
10	CONV. 3	37	REFUND	57	GUEST
11	ITEM-	38	S	58	RA/PO
12	ST-	39	✓ MODE	59	CA/CH
13	RA	40	VP	60	CR
14	PO	41	G. C. CT	61	*COPY*
15	СН	42	READ		
16	CR	43	RESET		
24	CAID	44	DPT		
25	CACHID	45	TRANS		
26	NS	46	HOURLY		·
27	CASH	47	CASHER		

^{*1:} This text may be programmed only when your register has been programmed for "compulsory cash cheque declaration."

^{*2:} The printing is made on PLU reading/resetting report.



18. Reading stored programs

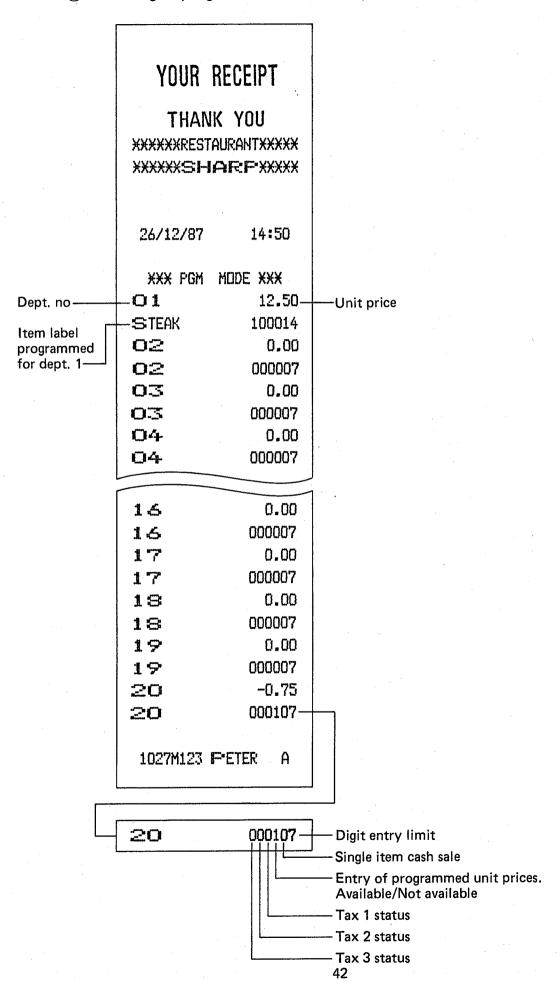
Your machine allows you to read every program stored in the PGM mode.

(1) Program details and procedures for their reading

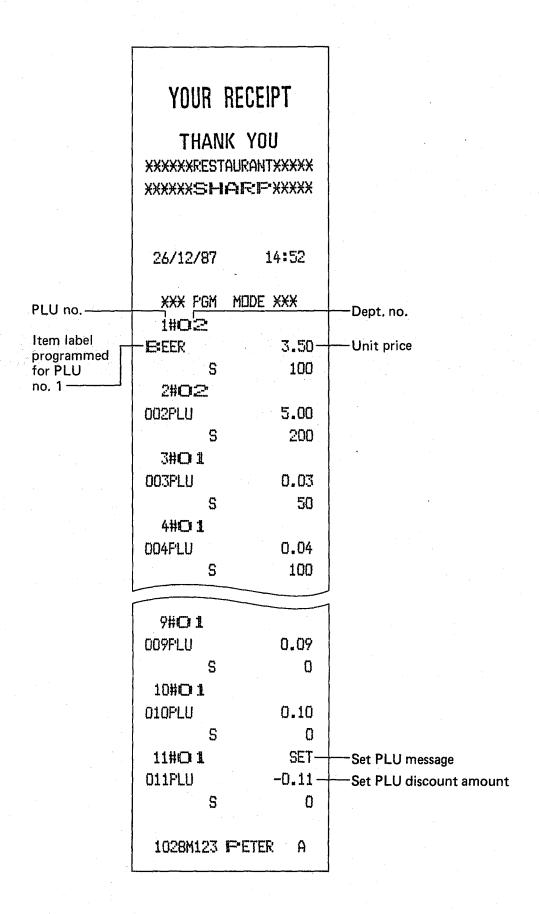
Item	Mode switch position	Job code no.	Procedure	Sample printout
(1) Departments	PGM	10	10 → 🛞 → TL	42
(2) PLUs & Direct PLUs	PGM	20 _	20 Start PLU no. For individual reading End PLU no. TL	43
(3) Set PLUs	PGM	23	23> (TL)	44
(4) Miscellaneous functions	PGM	1	1 → 🛞 → TL	45
(5) Cashiers	PGM	40	40 → 🛞 — TL	47

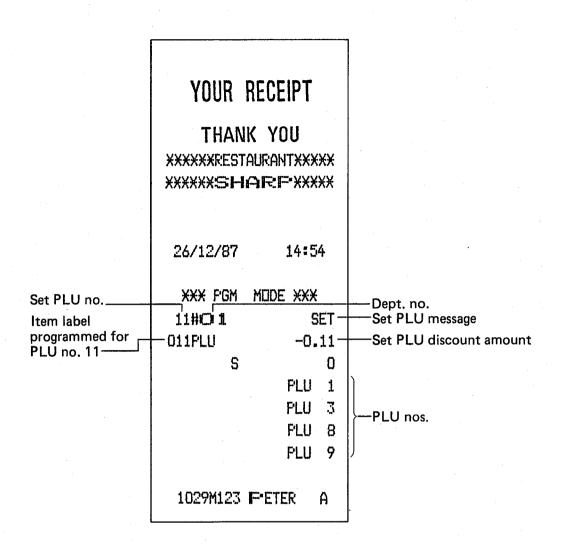
(2) Sample printouts

(1) Reading of programmed items for departments

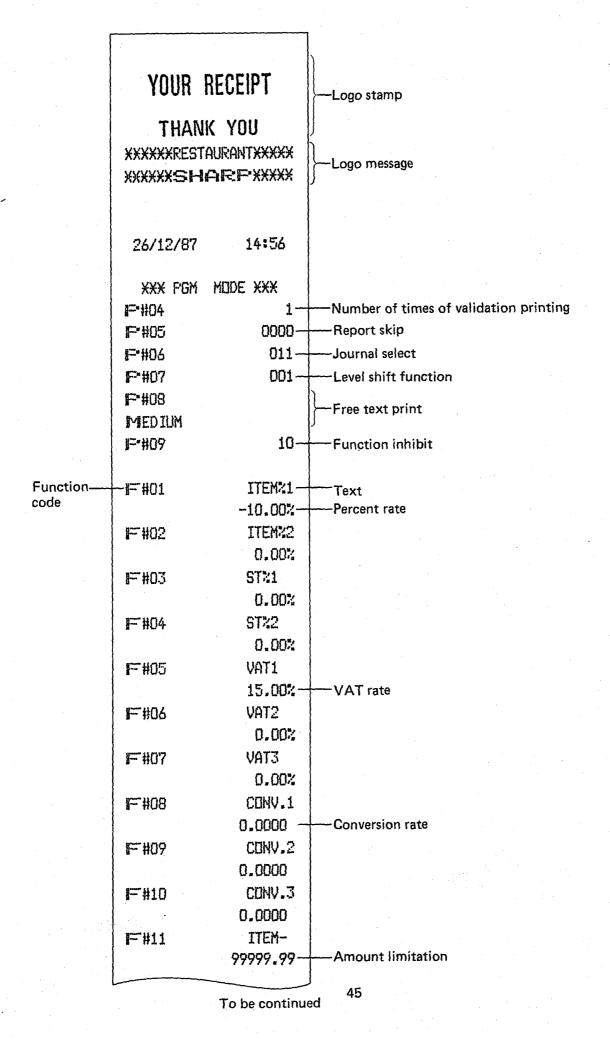


(2) Reading of program items for PLU/Direct PLU





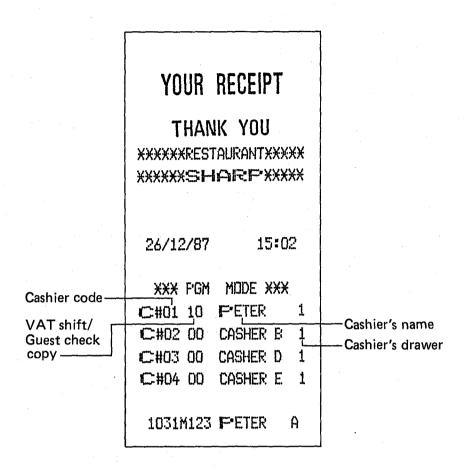
4 Reading of programmed items for miscellaneous function



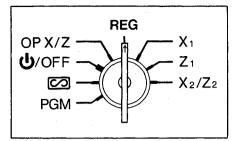
F#12	ST-
	99999.99
F#13	RΑ
	99999.99
F#14	PO
	99999.99
F#15	CHK
	999.99
F#16	CR
	99999.99
F#24	CAID
	1000.00
F#25	CACHID
F#26	NS
F#27	CASH
F#28	TTL
F#29	SUBTL
F#30	TAXBL1
F#31	TAXBL2
F#32	TAXBL3
F#33	VATSFT
F#34	GRS TL
F#35	-DPT
F #36	NET
F#37	REFUND
F#38	40
F#39	₩ MODE
F#40	VP
F#41	G.C.CT
F#42	READ
F#43	RESET
F#44	DPT
F#45	TRANS
F#46	HOURLY
F#47	CASHER
F#48	PLU
F#49	FLU/DP
F#50	SETPLU
F#51	DAILY
F#52	STOCK

F#53	CCD
F #54	TLIS
F#55	DIFFER
F=#56	TAXDEL
F#57	GUEST
F=#58	RA/PO
F#59	CA/CH
F#60	CR
F#61	XCOPYX
1030M123	FETER A

5 Reading of programmed items for cashiers



ENTRIES

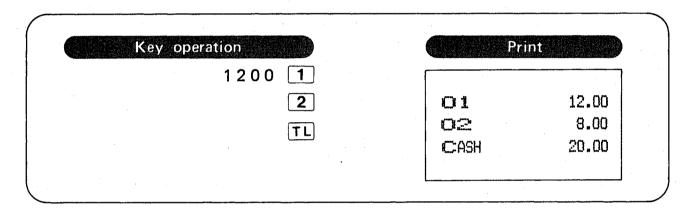


• Turn the mode switch to the REG position.

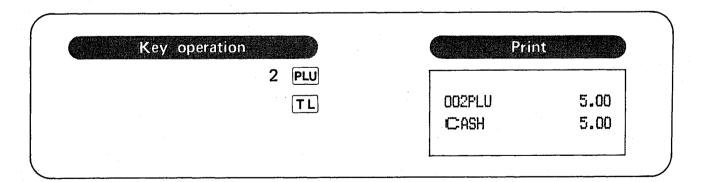
1. Item entries

- (1) Single item entries
 - Entries into departments

 Enter a unit price and press a department key. If you use a programmed unit price, press a department key only.

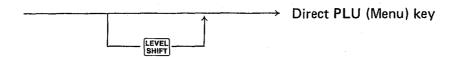


PLU entries
 Enter a PLU number and press the PLU key.

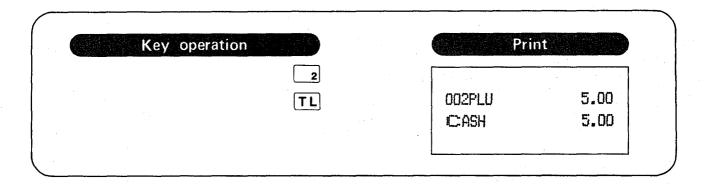


• Direct PLU (Menu) entries

Follow this sequence:

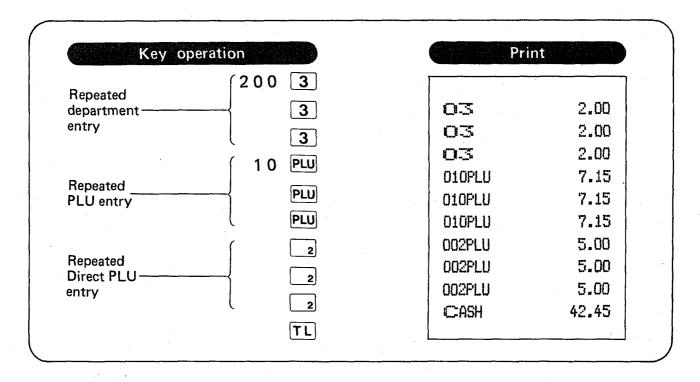


Note: To enter the menu block other than the standard, press the standard, press the first and then the DIRECT PLU key. For details, refer back to the "Level shift function."



(2) Repeat entries

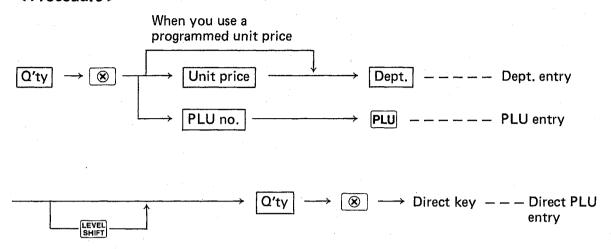
You can use this function for entering two or more of the same item.



(3) Multiplication entries

Use this feature when you need to enter two or more of the same item. This feature helps when you sell a large quantity of items or need to enter quantities that contain decimals.

< Procedure >



- Q'ty: up to six digits (integer + decimal)
- Unit price: Less than a programmed upper limit
- Q'ty x unit price: up to seven digits

Key op	eratio			Print	
partment entry using		5 🛞			
he multiplication entry unction	(165 3		5X	1.65
LU entry using the		15 🛞	03		8.25
nultiplication entry	{	3 PLU		15X	2.10
unction			003PLU		31.50
Pirect PLU entry sing the multiplica-	{	25		25X	5.00
on entry function	l	2	002PLU		125.00
		TL	CASH		164.75

(4) Single item cash sale (SICS) entries

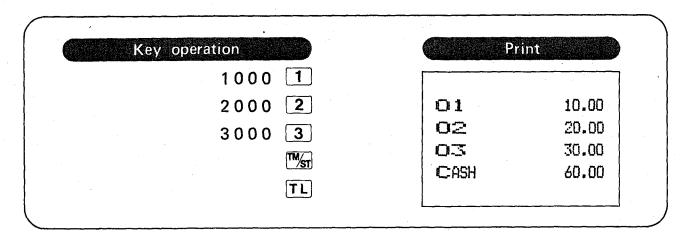
- This function is useful when a sale is for only one item and is for cash; such as a pack of cigarettes. This function is applicable only to those departments that have been set for SICS or to their associated PLUs or Direct PLU.
- The transaction is finalized and the drawer opens as soon as you press the department key.

Key operation	() Li	int
2800		
For finishing 2	02	28.00
he transaction	CASH	28.00
	♣_Ho⊓	20.00

Note: If a ring-up to a department or PLU/Direct PLU set for SICS follows the ones to departments or PLUs/Direct PLU not set for SICS, it does not finalize and results in a normal sale.

2. Display of subtotals

Press the will appear in the display and the "ST" lamp will light up.



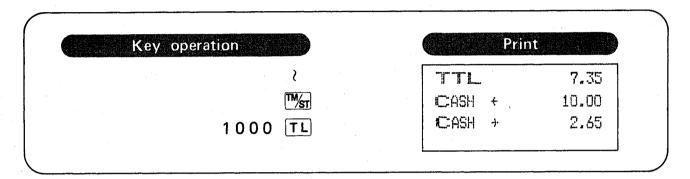
3. Finalization of transaction

(1) Cash or cheque tendering

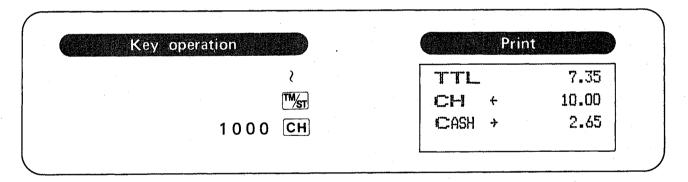
Press the key to get a subtotal, enter the amount tendered by your guest, then press the L key if it is a cash tender or press the CH key if it is a cheque tender.

When the amount tendered is greater than the amount of the sale, your register will show the change due amount. Otherwise your register will show a deficit and the "ST" lamp will light up.

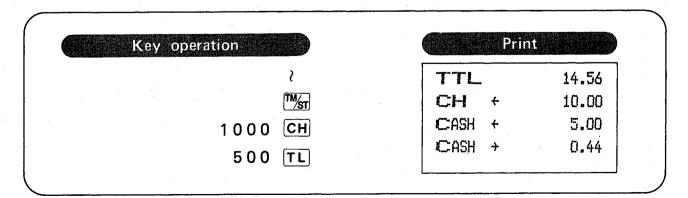
Cash tendering



• Cheque tendering

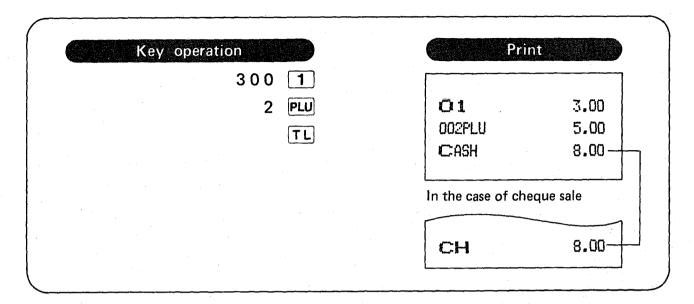


(2) Mixed tendering (cheque + cash)



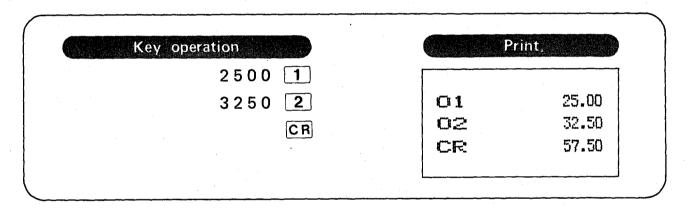
(3) Cash or cheque sale that does not need a tender amount entry

Enter items and press the TL key if it is a cash sale or press the CH key if it is a cheque sale. Your register will display the total sale amount.

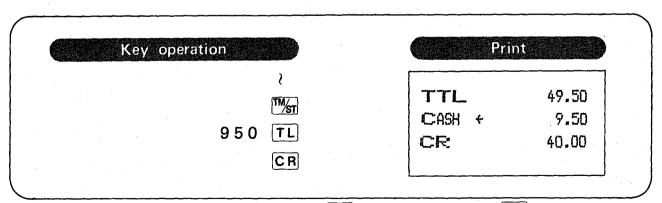


(4) Credit sale

Enter items and press the credit key



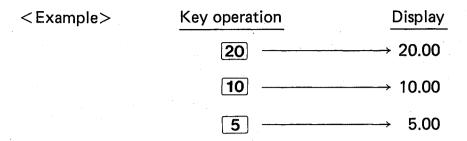
(5) Mixed-tender sale (cash or cheque tendering + credit sale)



Note: For cheque tendering, press the CH key instead of the TL key.

(6) Cash tendering by money keys

The three money keys [20], [10] and [5] are operative for cash tendering for easier key-in operation. For details, contact your dealer.



- Note 1) This function is applicable only for the machines delivered to the SUK sales areas.
- Note 2) The TL and CL keys alone are operative once that any of the 20, 10 and 5 money keys has been pressed.

Key operat	ion	Display
	TM/ST	14.80 ST
	20	20.00
	TL	5.20 →

4. Computation of VAT (Value Added Tax)/tax

The following five tax systems are available on your register. You can select any of them depending on cases.

(1) VAT 1, 2, 3 system (manual entry method using programmed percentages)

ightarrow extstyle extstyle

This system provides the VAT calculation for taxable 1, taxable 2, and taxable 3 subtotals. This calculation is performed using the corresponding programmed percentages when the VAT key is pressed just after the Wat key.

(2) Tax 1, 2, 3 system (manual entry method using programmed percentages)

 \rightarrow $[TM]_{ST}$ \rightarrow [VAT]

This system provides the tax calculation for taxable 1, taxable 2, and taxable 3 subtotals. This calculation is performed using the corresponding programmed percentages when the VAT key is pressed just after the key, and the calculated taxes are added to those subtotals, respectively.

- (3) VAT 1, 2, 3 system (automatic operation method using programmed percentages)
 This system, at settlement, calculates VAT for taxable 1, taxable 2, and taxable 3 subtotals by using the corresponding programmed percentages.
- (4) Tax 1, 2, 3 system (automatic operation method using programmed percentages)
 This system, at settlement, calculates taxes for taxable 1, taxable 2, and taxable 3 subtotals by using the corresponding programmed percentages, and also adds the calculated taxes to those subtotals, respectively.
- (5) VAT 1 system (manual entry method for subtotals on VAT 1 preset percentages)
 → ™st → VAT

This system enables the VAT calculation for the then subtotal. This calculation is performed using the VAT 1 preset percentages when the VAT key is pressed just after the key.

For this system, the keyed-in tax rate can be used.

Note: If any item % entry or item discount entry has been made until the VAT or tax calculation is performed, the markup or markdown is added to or subtracted from taxable 1, taxable 2, or taxable 3 subtotal according to the tax status of the item concerned.

Key operation

When the VAT 1, 2, 3 system (manual entry method) is selected:

425 1

340 2

TM/ST

VAT

TL

Print

01	4.25
02	3.40
SUBTL	7.65
TAXBL1	7.65
VAT1	1.00
NET	6.65
CASH	7.65

5. VAT shift entries

This feature is intended to shift the tax status of a particular department or PLU programmed for taxable 1 or taxable 1 and taxable 3 when such a department or PLU is entered.

- 1. When the VAT shift entry is made for a particular department or PLU programmed for taxable 1, their tax status shifts to taxable 2.
- 2. When this entry is made for a particular department or PLU programmed for taxable 1 and taxable 3, the tax status "taxable 1" remains unchanged, but the other, "taxable 3", shifts to tax delete.

< Procedure >

Press the WAT key to activate the VAT shift entry prior to entering department(s) or PLU(s) concerned.

Key opera		Pri	
n the case of 1 above	•		
	VAT	Q1	3.25
	325 1	02	6.25
	625 2	SUBTL	9.50
		TAXBL2	9.50
	TM/ST	VAT2	0.86
•	VAT	NET	8.64
	TL	CASH	9.50

Key operat	tion	() Ar	int
the case of 2 above			
	VAT	03	2.50
	250 3	04	8.50
	850 4	SUBTL	11.00
		TAXBL1	11.00
	TM/ST	VAT1	1.43
	VAT	NET	9.57
	TL	CASH	11.00

6. Percent calculations (premium or discount)

- Your register provides the percent calculation for the subtotal or each item entry.
- Percentage: 0.01 to 99.99%
- (1) Percent calculation for item entries

Key operation	Part Property Control of the Control	rint
800 1		
%1]	01	8.00
1 0 PLU		-10.00%
	ITEM%1	-0.80
7 . 5 . %1	010PLU	7.15
TL		-7.5%
	ITEM%1	-0.54
	CASH	13,81

(2) Percent calculation for the subtotal

Key operation	2	int
4 🛞	· ·	
140 1		1.40
220 2	Oı	5.60
	02	2.20
2	oz	2.20
TMST	SUBTL	10.00
%2		10.00%
[TL]	ST%2	1.00
	CASH	11.00

7. Deduction

Your register allows you to deduct a certain amount between programmed upper and lower limits after the entry of an item or the computation of a subtotal.

(1) Deduction for item entries

Key operation	Pr	int
850 2		
50 🖯	02	8.50
TL	ITEM-	-0.50
	CASH	8.00

(2) Deduction for the subtotal

Key operation	Pr	int (
710 3		
2 PLU	03	7.10
TM/ST	002FLU	5.00
25 ⊝	SUBTL	12.10
	ST-	-0.25
TL	CASH	11.85

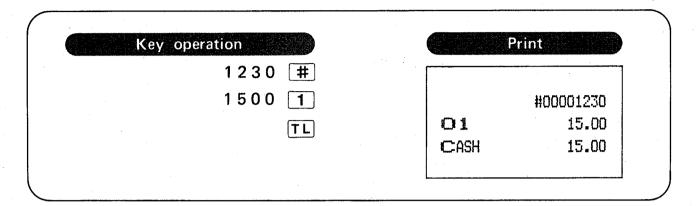
8. Refund entries

- Refund entry is effective only for plus (+) departments and plus (+) PLUs.
- For refund entry, press the RF key first and then the department, PLU and direct PLU keys.
- Repeated or multiplied refund entries are also possible.

Key operation	Print
250 RF 1	
7 🛞	O1 R -2.50
3 RF PLU	-7X 2.10
TL	003PLU F: -14.70
	CASH → 17.20

9. Printing of non-add code numbers

Enter a non-add code number such as a guest code number and credit card number within a maximum of eight digits and press the # key. The numerical entry can be made at any point during the entry of a sale. Your register will print it at once.



10. Guest check copy

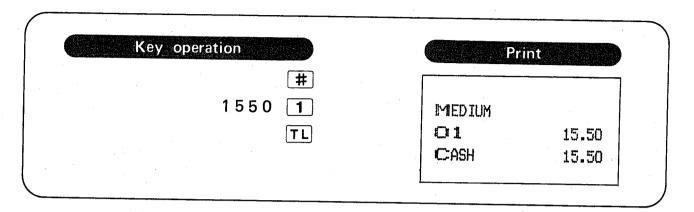
You can use this function when you want to take a copy of guest check. Press the [GUEST] key and make a desired entry.

Note: The guest check copy has nothing to do with the memory.

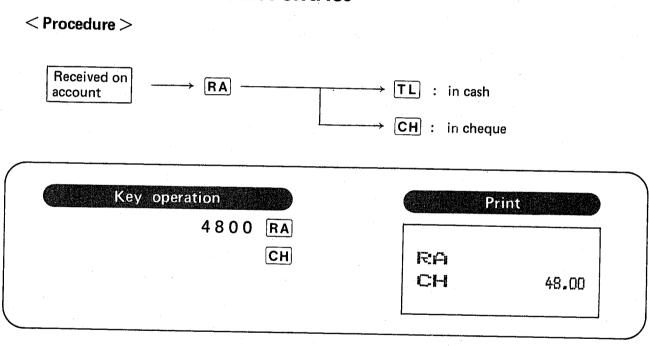
Key	operation	Pr	int
	GUEST		
	245 1	XCD XCD	PYX
	450 2	01	2.45
		02	4.50
	. 2	02	4.50
	3 ⊗		3X 3.30
	330 3	03	9.90
	TL	CASH	21.35
		,	

11. Free text printing

- Free text (max. 21 characters) programmed in the PGM mode can be printed out at any point of registration.
- The text has nothing to do with the memory.

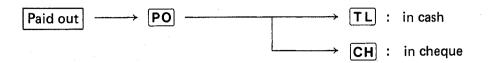


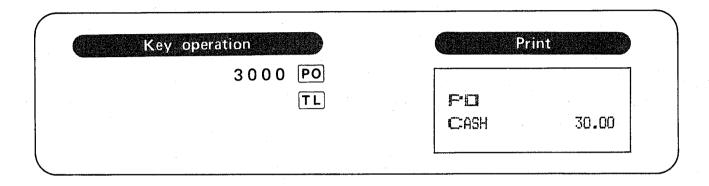
12. Received on account entries



13. Paid out entries



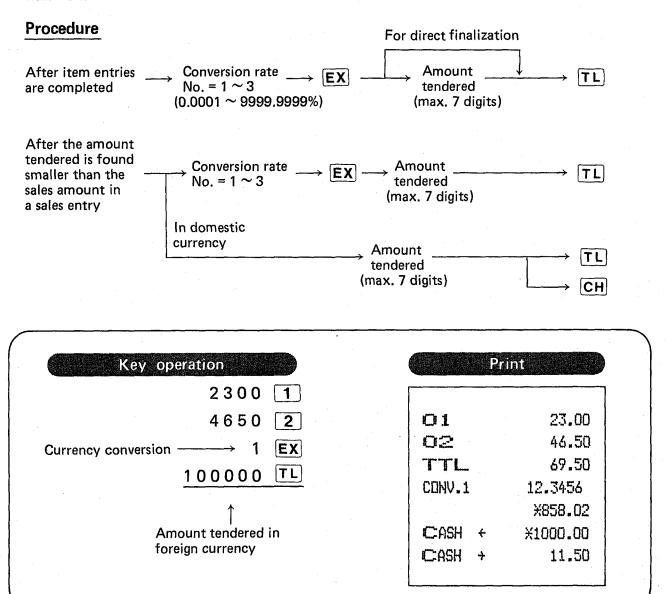




14. Currency conversion

With 3 conversion rates programmed, this register permits payment with foreign currencies.

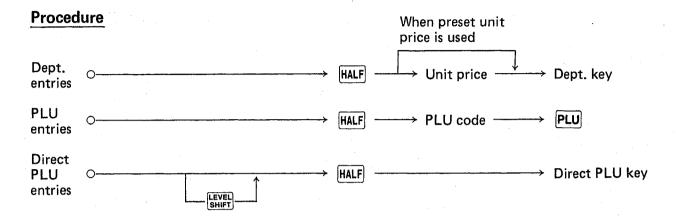
Press the **EX** key, and the subtotal is converted with a preset rate into a subtotal expressed in the foreign currency. After the currency conversion, only cash can be handled.



- Note 1) When the conversion rate is 0 (0.0000)%, no currency conversion can be made. In such a case, a lock error occurs by pressing the **EX** key.
- Note 2) If the amount after conversion to foreign currency exceeds 7 digits, a lock error results.

15. Half-pint entries

- The half-pint function enables entry of half a unit price. For details, contact your dealer.
- Half-pint entries can be made for departments and PLUs.
- For entries, press the HALF key first and then the department, PLU and direct PLU keys.



Note: This function is applicable only for the machines delivered to those sales area that SUK covers.

16. No sale (exchange)

Simply press the NS key without any entry. The drawer will open and the machine will print the "NS" on both the journal and the receipt.

#00045678 NS

CORRECTION

1. Correction of entry number

When an incorrect number is entered, cancel it by pressing the CL key, and enter the correct number.

2. Correction of the last entry (direct void)

If you make any incorrect department, PLU/Direct PLU, percentage, or discount entry by mistake, you can void this incorrect entry by pressing the key immediately after the incorrect entry.

Key operation	Print
1250 1	
⊘	O1 12.50
2 PLU	O1 69 -12.50
\odot	002FLU 5.00
	002PLU 49 -5.00
600 3	03 6.00
%1	-10.00%
\bigcirc	ITEM%1 -0.60
328 4	ITEM%1 🏎 0.60
	04 3.28
28	ITEM0.28
\bigcirc	ITEM- 😘 0.28
TL	CASH 9.28

3. Correction of the next-to-last or earlier entries (indirect void)

You can void any incorrect department, PLU/Direct PLU, or entry made during a transaction by specifying it if you find it before finalizing the transaction (before making an amount tendered entry). This void function is applicable to plus department and PLU/Direct PLU entries only, however.

Key operation	Print
Key operation	
1310 1	
1755 2	C1 13.10
	02 17.55
1 0 PLU	010PLU 7.15
3 PLU	003PLU 2.10
1310 🐼 🚺	O1 6 -13.10
3 (S) PLU	003PLU ↔ -2.10
TL	CASH 24.70

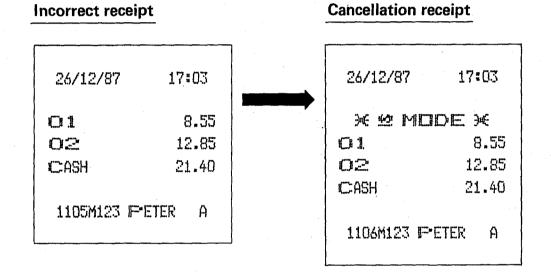
Note: This void function is not applicable to refund entries.

CORRECTION AFTER FINALIZING A TRANSACTION (AFTER GENERATING A RECEIPT)

When you need to void incorrect entries that are found after finalizing a transaction or cannot be corrected by direct or indirect void, follow this procedure in the " or mode."

- (1) Turn the mode switch to the " or " position.
- (2) Repeat the entries that are recorded on an incorrect receipt.

 This will result in all data for the incorrect transaction being removed from the machine's memory and the addition of the voided amounts to the VOID-mode totalizer.

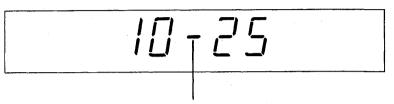


TIME DISPLAY AND AUTOMATIC UPDATING OF THE DATE

Time display

When you need a time display, press the Ms key in the REG, OP X/Z or mode after the preceding transaction or operation is finalized. The time display disappears as soon as you press the CL key or begin the subsequent entry.

Sample display of 10:25 AM



This bar flashes every 0.5 second.

Automatic updating of the date

Once the internal clock unit is started at the correct time, it continues to run as long as the built-in battery is charged, and updates the date (day, month, year) properly.

VALIDATION PRINTING FUNCTION

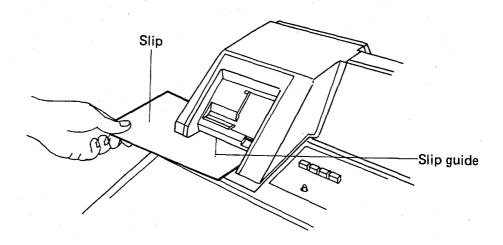
The machine can issue simplified receipt slips.

1. Placing of slip and printing method

- (1) Insert the slip, with its printed face down, into the slip guide.

 Make sure the slip is pushed in enough deep and fully to the right. Otherwise, it may result in poor printing.
- (2) Now press the VP key. The validation printing will start.

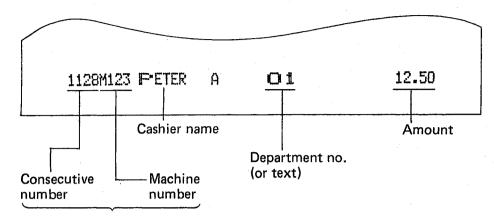
 Note) Validation printing can be made up to a preset number of times.



2. The validation printing can occur just after the following registrations

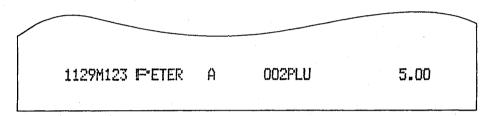
2-1. Validation printing of item entries

(1) Department entry

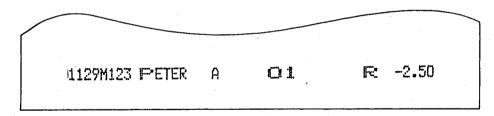


or Date (selectable by programming)

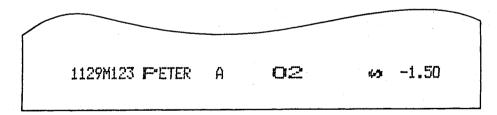
(2) PLU entry



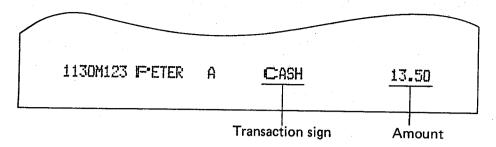
(3) Refund entry



(4) Direct or indirect void



2-2. Validation printing after the finalization of a transaction



		Transaction signs (programmable)
(1)	After completion of cash sale entry	
	When a change calculation occurs	TOTAL
	When no change calculation occurs	CASH
(2)	After completion of check sale entry	
	When a change calculation occurs	TOTAL
	When no change calculation occurs	СН
(3)	After completion of credit sale entry	
	At only credit sale	CR
	 At mixed tendering (check sale + cash sale) 	TOTAL
(4)	After completion of PO entry	CASH or CH
(5)	After completion of RA entry	CASH or CH

Note: When you make an entry for which compulsory validation printing has been programmed, the "VP" lamp will light up in the display. Carry out the validation printing successively until the lamp goes off (or by the programmed number of times), replacing validation slips. You cannot proceed to any further entry unless this printing is completed.

3. Validation slip specification

Make validation slips according to the following specification. The use of any slips other than specified causes the printer to malfunction.

(1) Type of slip

Normal paper, pressure-sensitive paper, or carbon paper

(2) Dimensions of slip

Size:

130 mm or wider, 60 mm or longer

Thickness: 0.07 – 0.15 mm

PRINTING OF THE EMPLOYEE ARRIVAL AND DEPARTURE TIMES

The ER-3100 allows the operator to print the employee arrival and departure times, using the validation printing function. (See page 69)

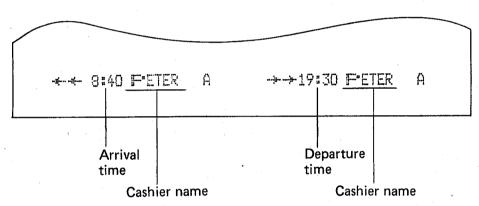
- (1) Turn the mode switch to the "OP X/Z" position.
- (2) Put a card into the paper chute and perform the following key operation.
 - 1) Arrival time (printed on the receipt)

 Numeric key 1

 VP
 - 2) Departure time (printed on the journal)
 Numeric key 2

 VP

Sample printout



COPY RECEIPT PRINTING

If your guest wants receipt after you have finalized a transaction with the receipt ON-OFF switch at the OFF position (no receipting), press the RCPT key. This will make a copy receipt with the total printed.

Your register can print copy receipts regardless of the position of the receipt ON-OFF switch.

Consult your local dealer.

Key ope		Print on the receipt	Print on the journal
	850 2 8		27/12/87 19:36 O≥ 8.50
	150 <u>1</u>		3X 1.50 O1 4.50
For receipting	RCPT	27/12/87 19:36	CASH 13.00 1138M123 FETER A
		CASH 13.00	
		1138M123 FETER A	
		27/12/87 19:36	
		XCOPYX CASH 13.00	When the receipt ON-OFF switch is in the ON position, the "*COPY*" symbol
		1138M123 F-ETER A	will be printed on the receipt.
		· · ·	

OVERLAPPED CLERK ENTRY

This function allows to switch from one cashier to another cashier and to interrupt the first cashier's entry. So the second cashier can do his entry in this mode. Interrupt handling is possible only in the overlapped clerk entry. For actual use of this function, contact your dealer.

Example:

Cashier A: Entry started

Cashier B: Cashier change (A to B), interrupt initiated

Cashier B: Transaction finished

Cashier A: Cashier change (B to A), entry restarted

Note 1) The overlapped clerk entry is not effective while the tendering sale is going on.

Note 2) Only the total sales amount is printed on the receipt in the overlapped clerk entry mode.

Note 3) If any cashier is still making an entry (or has not finalize the transaction yet), the machine does not run in any mode other than REG and .

Note 4) If any cashier is still making an entry (or has not finalized the transaction yet), no X/Z reports can be printed. The corresponding cashier symbol (s) is displayed at this time.

: Cashier A

 r^{2} : Cashier B

7: Cashier D

니 : Cashier E

Comment Key operation (1) Entry Cashier A is specified. is started. 100 360 3 3 (2) Entry Cashier B is specified. B is interrupted. 3 8 150 2 TL (3) Entry Cashier A is specified. is restarted. 1 100 300 3 TL

READING AND RESETTING OF SALES TOTALS

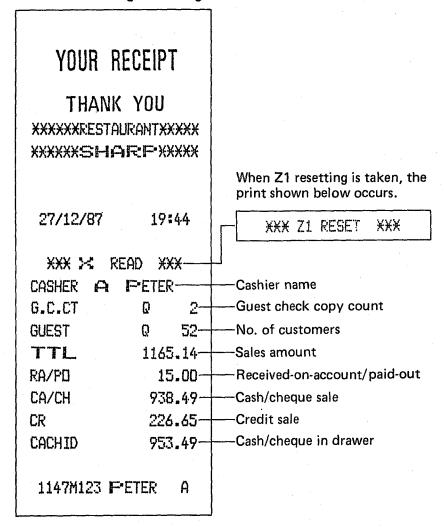
	Mode		Item	Key operation
	OP X/Z	Individua	l cashier reading	11 → <u>⊗</u> → TL
	mode	Individua	l cashier resetting	$11 \rightarrow \boxed{\bullet} \rightarrow \boxed{\otimes} \rightarrow \boxed{TL}$ Note 1
		Full depa	rtment reading	$1 \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$
		Reading o	of transaction	$2 \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$
		Full cashi	er reading	$12 \to \boxed{\$} \to \boxed{TL}$
		Reading o	of cash in drawer	$3 \longrightarrow \boxed{\otimes} \rightarrow \boxed{TL}$
		Reading o	f hourly sales on	$4 \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$
	X1 mode	Individual of PLU da	dept. reading ta	$5 \longrightarrow \textcircled{\$} \longrightarrow Dept. \ code \longrightarrow TL$
Daily sales totals		Blockwise data	reading of PLU	6 → ⊗ → Start PLU code For individual reading → End PLU code → TL
		Full readir	ng of PLU data	$6 \longrightarrow \boxed{\$} \longrightarrow \boxed{TL}$
		Full item r	eading	$9 \longrightarrow \boxed{\$} \longrightarrow \boxed{TL}$
		Full cashie	r resetting	$12 \longrightarrow \boxed{\bullet} \longrightarrow \boxed{\$} \longrightarrow \boxed{TL}$ Note 1
	Z1 mode	Blockwise PLU data	resetting of	6 → • → ⊗ → Start PLU code For individual resetting End PLU code → TL
	mode	Resetting of PLU data		$6 \longrightarrow \boxed{\bullet} \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$
		Full item	Grand total nonresettable	$8 \longrightarrow \boxed{\bullet} \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$
		resetting	Grand total resettable	$9 \longrightarrow \boxed{\bullet} \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$

	Mode	ltem	Key operation
Periodic	X2/Z2	Reading of the number of guests and net sales for each day (31 days)	$7 \longrightarrow \boxed{\$} \longrightarrow \boxed{TL}$
consolidation	mode	Full item reading	$9 \rightarrow \boxed{\$} \rightarrow \boxed{TL}$
		Full item resetting	$9 \longrightarrow \boxed{\bullet} \longrightarrow \boxed{\otimes} \longrightarrow \boxed{TL}$

- Note 1. If the machine is programmed for compulsory cash/cheque declaration "compulsive," consult the section "COMPULSORY CASH/CHEQUE DECLARATION" on page 89.
- Note 2. When in the overlapped clerk entry mode, the machine cannot print any X/Z report as long as any cashier is still making entries (or before all cashiers finalize transactions).

Sample prints on the report

• Individual cashier reading/resetting



• Full cashier reading/resetting

YOUR RECEIPT

THANK YOU ****************************** XXXXXXSH**AR**FXXXXX

27/12/87

19:47

When Z1 resetting is taken, the print shown below occurs.

XXX Z1 RESET

¥XX ⊁< R	EAD XX	(
CASHER A	PETER	
G.C.CT	Q	2
GUEST	Q	54
TTL	1219	.24
RA/PO	15.	.00
CA/CH	984	.09
CR	235	.15

*** *	< R	:EAD)	(XX
CASHER	A	FETE	ER .
G.C.CT		Q	2
GUEST		Q	54
TTL		12:	19.24
RA/PO		1	15.00
CA/CH		98	34.09
CR		27	55.15
CACHID		99	79.09

CASHER	E	CASHE	RE	
G.C.CT		Q	2	
GUEST		Q	15	
TTL		13	4.21	
RA/PO		ć	6.00	
CA/CH		113.71		
CR		20.50		
CACHID		179.71		
CASHER		RESE	T	
G.C.CT		Q	0	
GUEST		Ø	0	
TTL			0.00	
RA/PO			0.00	
CA/CH		0.00		
CR		0.00		
CACHID			0.00	

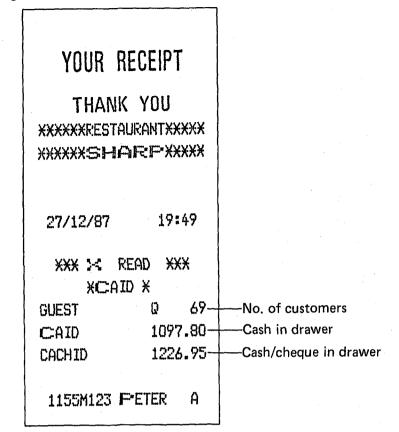
CASHER TTL G.C.CT Q **GUEST** Q 69 TTL 1353.45 81.00 RA/PO 1097.80 CA/CH 255.65 CR 1178.80 CACHID 1154M123 F-ETER A

XXX

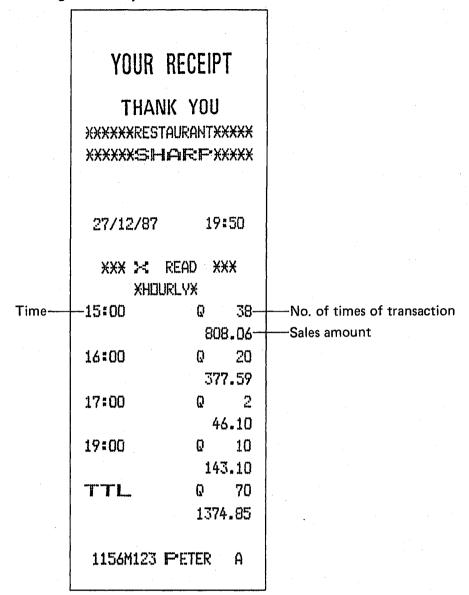
-Cashier total

Cashier reset total

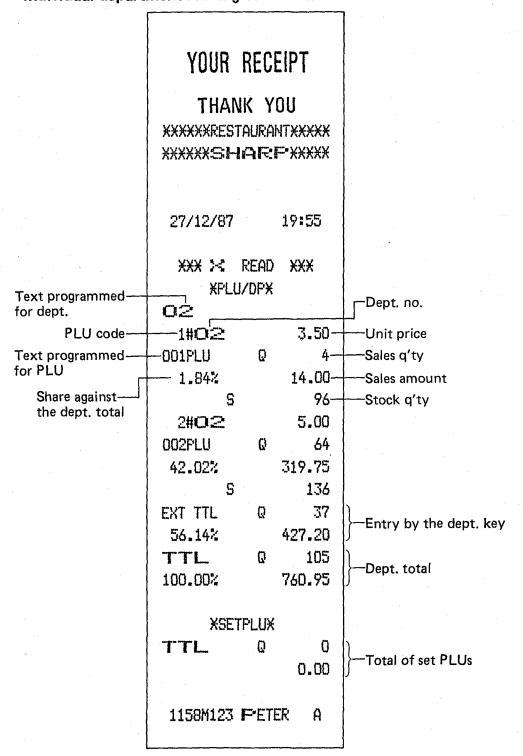
• Reading of cash in drawer



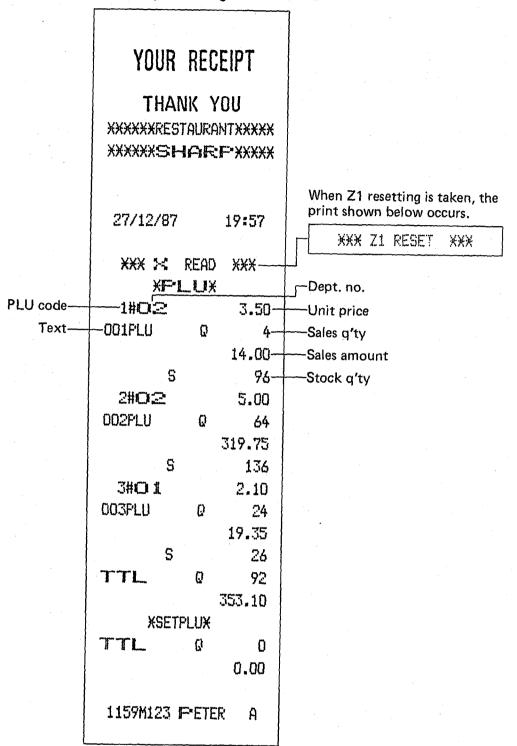
• Reading of hourly sales information



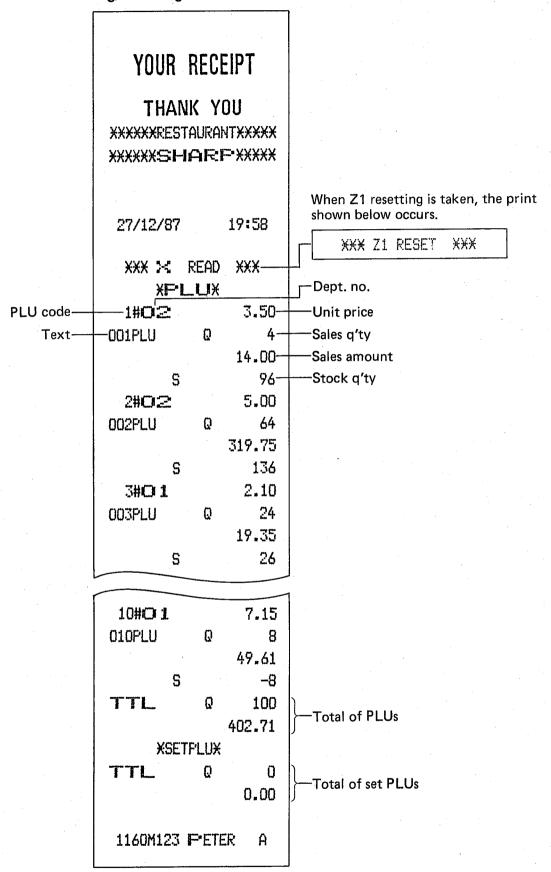
• Individual department reading of PLU data



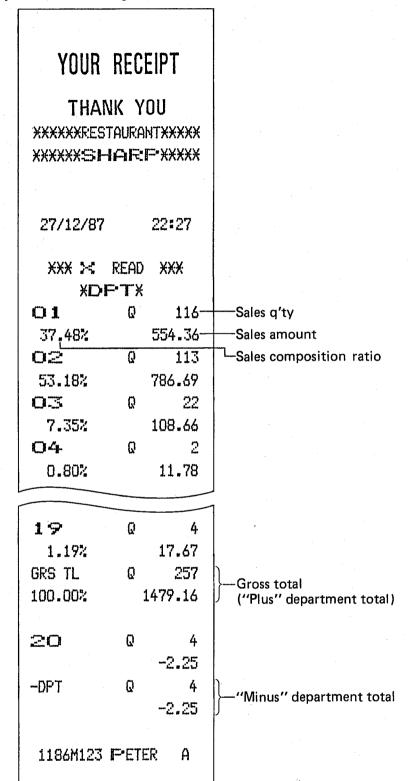
• Blockwise reading/resetting of PLU data



• Full reading/resetting of PLU data



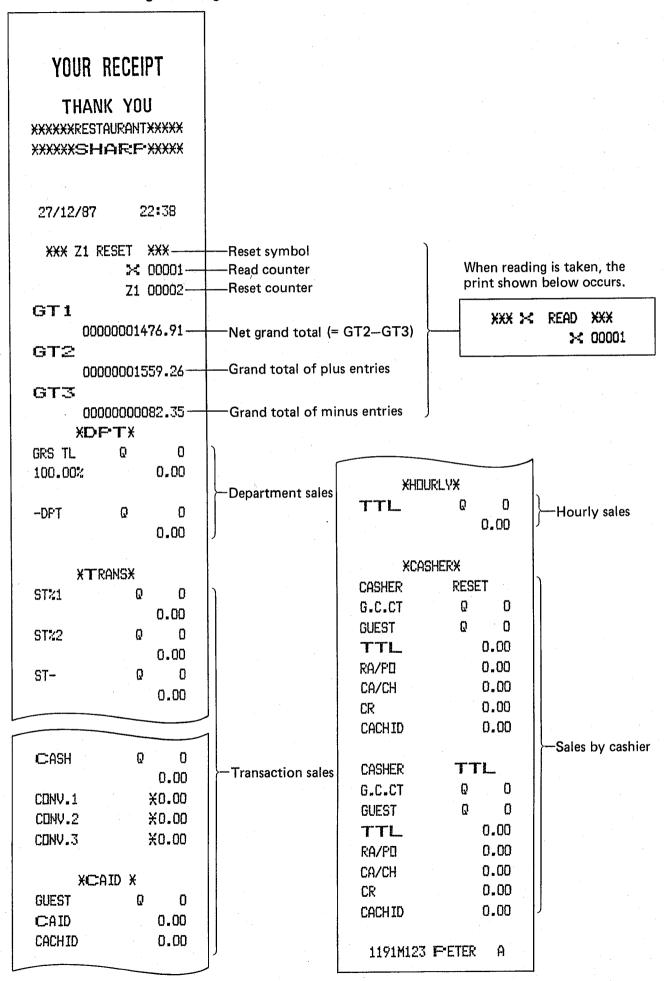
• Full department reading



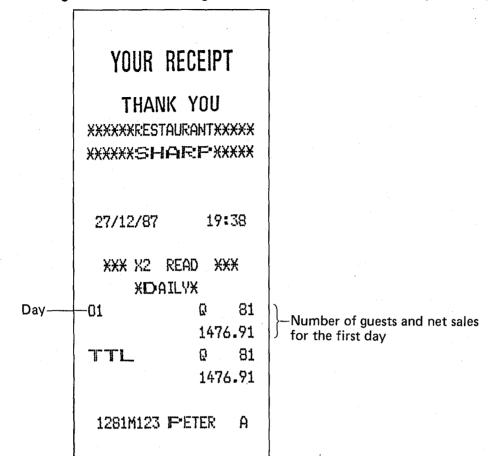
• Reading of transaction

YOUR RECEIPT THANK YOU 1	- 1		-			
THANK YOU XXXXXXSHARFXXXXX XXXXXSHARFXXXXX XXXXXSHARFXXXXX XXXXXSHARFXXXXX XXXXXSHARFXXXXX XXXXXSHARFXXXXX XXXXXSHARFXXXXX XXXXXSHARFXX XXXXXSHARFX XXXXXXSHARFX XXXXXSHARFX XXXXXSHARFX XXXXXXSHARFX XXXXXXXSHARFX XXXXXXXXXXX XXXXXXXXXXX XXXXXXXXX		YOUR RECEIPT		ITEM%1		
### ### ### ### ### ### ### ### ### ##				ITEM%2	-	
Refund Property Property		XXXXXXRESTAURANTXXXXX		ITEM-		
### ### #############################		23/3/3/3/3/3/3/3/00C# ## ## ## * * * * * * * * * * * * * *		REFUND		-Refund
### ### ##############################		27/12/87 22:25		V a		
GRS TL	į			₩DDE		
-DPT		GRS TL Q 257	-("Plus" depart-	VATSFT		-VAT shift
STX1		-DFT Q 4	"Minus"depart-	TAXDEL)
STX1		Date III Good Ver		VP	Q 6—	
ST/2		ervi o a		NS	Q 2—	
ST- Q 1 Deduction for subtotal PD Q 3 Received-on-accoun PD Deduction for subtotal PD Q 2 A5.00 Paid-out		6.91	-%1 for subtotal			Guest check copy
ST-			-%2 for subtotal	EА		Received-on-account
NET 1409.51				PO	Q 2))
TAXBL1 400.40 Taxable 1 amount VAT1 52.23 VAT1 amount TAXBL2 235.65 VAT2 21.42 TAXBL3 41.67 VAT3 5.44 CONV.1 X1000.00 CONV.2 X0.00 CONV.3 X0.00 CONV.3 X0.00 CONV.3 CONV.3 TAXBL3 1212.04 Cash in drawer CACHID 1341.19 Cash/cheque in drawer	ł				45.00) Taid out
VAT1 52.23 VAT1 amount VAT1 52.23 VAT1 amount TAXBL2 235.65 VAT2 21.42 TAXBL3 41.67 VAT3 5.44 GUEST Q 81 No. of customers CACHID 1341.19 Cash/cheque in drawer		NET 1409.51-	Net total	CH		Cheque sale
TAXBL2 235.65 VAT2 21.42 TAXBL3 41.67 VAT3 5.44 GUEST Q 81—No. of customers CACHID 1341.19—Cash/cheque in drawer			amount	CR		-Credit sale
TAXEL3 41.67 VAT3 5.44 CONV.1	:	TAXBL2 235.65	- VATT amount	CASH	Q 72	Cash sale
CONV.2				CCTLIII 4		
CONV.3 X0.00 GUEST Q 81—No. of customers CAID 1212.04—Cash in drawer CACHID 1341.19—Cash/cheque in drawer					1	
GUEST Q 81—No. of customers CAID 1212.04—Cash in drawer CACHID 1341.19—Cash/cheque in drawer		VAT3 5.44				Conversion 1 ~ 3
CAID 1212.04—Cash in drawer CACHID 1341.19—Cash/cheque in drawer	L			CLINV. O	*U•UU	,
CAID 1212.04—Cash in drawer CACHID 1341.19—Cash/cheque in drawer				RHEST	n 91	-No of quetomore
CACHID 1341.19—Cash/cheque in drawer						
						Cash/cheque in
				1185M123	F-ETER A	

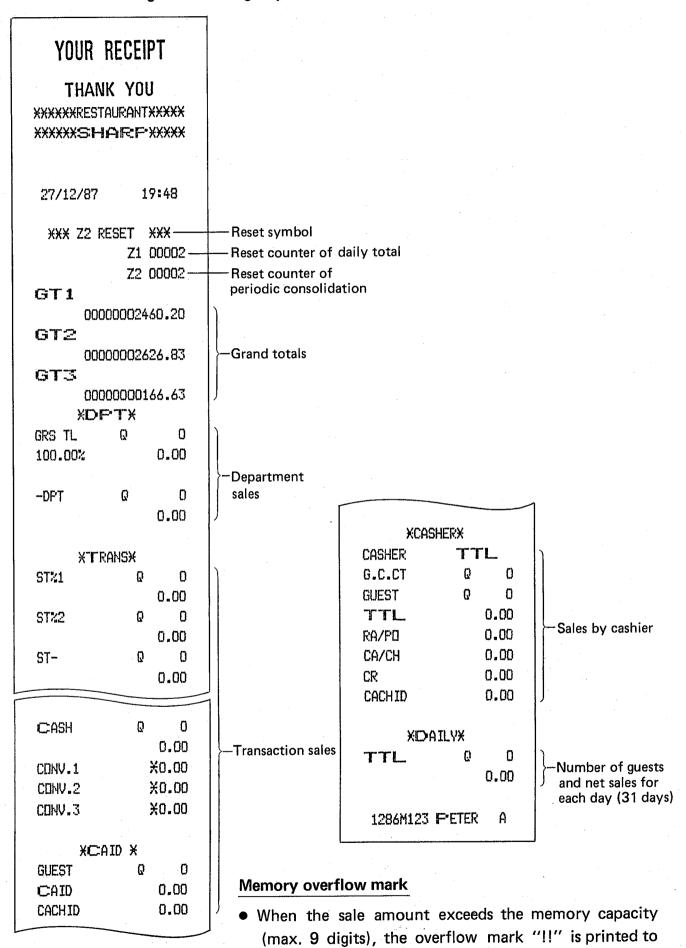
• Full item reading/resetting



• Reading of the number of guests and net sales for each day (31 days)



• Full item reading and resetting of periodic consolidation



the left of the amount.

COMPULSORY CASH/CHEQUE DECLARATION

1. If your machine has been programmed for compulsory cash/cheque declaration, you must declare cash/cheque in drawer in advance according to the type of the declaration when you take cashier Z reports.

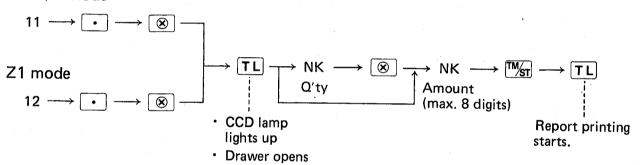
Use the procedure shown in 3 below for this declaration.

- 2. Types of compulsory cash/cheque declaration
 - (1) OP X/Z mode --- Compulsive when individual cashier resetting is taken
 - (2) Z1 mode ---- Compulsive when full cashier resetting is taken

Note: Compulsory cash/cheque declaration is available in the above two types. You can choose either of these. Consult your local dealer for details.

3. Key operation

OP X/Z mode



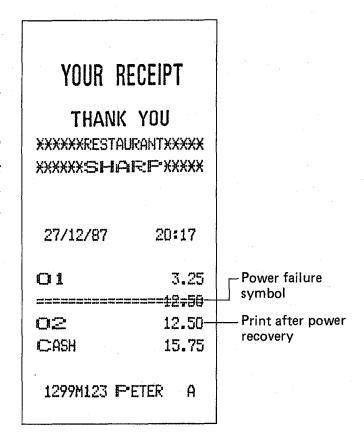
4. Cash/cheque-in-drawer declared by the above procedure — CA/CH IS — and cash/cheque-in-drawer in memory — CA/CH MUST — are printed on the report. The difference between them — CA/CH IS — CA/CH MUST — is also printed.

YOUR RECEIPT THANK YOU ******RESTAUR:ANT**** XXXXXXSHARFXXXXX 27/12/87 20:05 -No. of pieces of coins or no. of sheets of cheques 12 X 60.00--Coin's or cheque's denomination 720,00--Amount CCD 720.00 XXX Z1 RESET XXX CASHER A FETER G.C.CT Q 2 **GUEST** 19 TTL 768.11 RA/PO 30.00 CA/CH 696.88 CR 71.23 CACHID 726.88-Cash/cheque in drawer to be obtained = C TLIS 720.00-Total of entered (declared) cash/cheque-in-drawer = T -6.88-DIFFER -Difference = T - C1291M123 FETER A

IN CASE OF POWER FAILURE

When power is lost, the machine retains its memory contents and all information on sales entries.

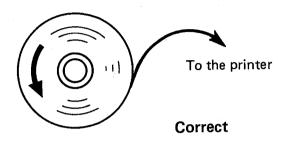
- When power failure is encountered in register IDL state or during an entry, the machine returns to the normal state of operation after power recovery.
- 2. When power failure is encountered during a printing cycle the register prints "=======" and then carries out the correct printing procedure. (See the sample print.)

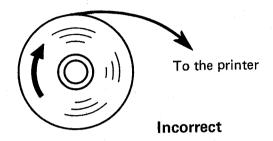


INSTALLING AND REMOVING THE PAPER ROLL

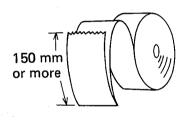
Install the paper roll in the printer. Be careful then to set the roll and fold the paper end correctly.

(How to set the paper roll)

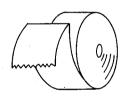




(How to fold the paper end)

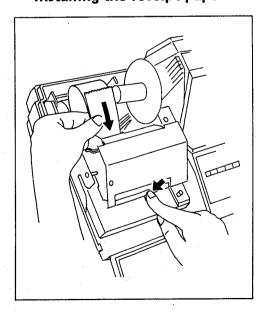


Correct



Incorrect

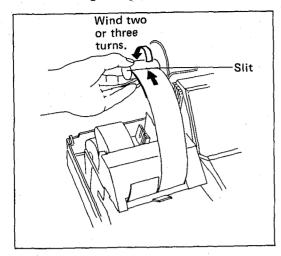
- 1. Installing the paper roll
- Installing the receipt paper roll



- Remove the printer cover.
 Set the paper roll correctly as illustrated above and drop it into the printer.
- (2) Press the paper roll release lever down and insert the folded paper end into the paper chute of the printer. Pull the paper end that has come out of the printer, holding down the lever.
- (3) Advance the paper by a required length by pressing the receipt paper feed key.

Note: Make sure the ink ribbon cassette has been mounted on the printer when installing the receipt paper roll.

• Installing the journal paper roll

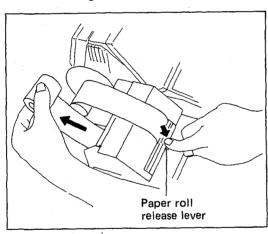


Set the journal paper roll in the same manner as the receipt paper roll. Insert the paper end that has come out of the printer, into the slit in the paper take-up spool, wind it two or three turns around the spool shaft, and set the spool on the bearing.

2. Removing the paper roll

When a red dye appears on the paper roll, it is time to replace the existing paper roll. Replace the paper roll with a new one.

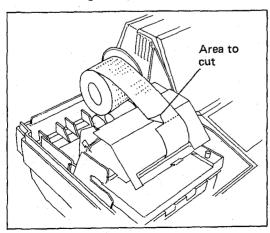
Removing the receipt paper roll



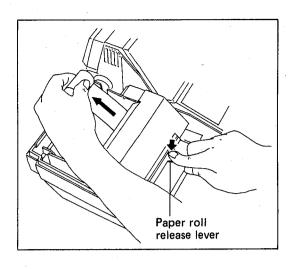
- (1) Remove the printer cover.
- (2) Press and hold the paper roll release lever down and draw out the existing paper roll from the paper roll location.

Note: Be sure to pull the roll in the direction of the arrow.

• Removing the journal paper roll

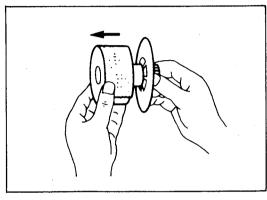


(1) Press the journal paper feed key to advance the paper by several lines and then cut it.



(2) Press and hold the paper roll release lever down and remove the existing paper roll from the paper roll location.

Note: Be sure to pull the roll in the direction of the arrow.



(3) Remove the paper roll from the take-up spool.

Request

Be sure to use paper rolls specified by SHARP.

The use of any other paper rolls than specified could cause paper jamming, resulting in register malfunction.

Paper specification

Paper width:

 $44.5 \pm 0.5 \text{ mm}$

Max. outside diameter:

83 mm

Weight:

 $52.3 - 64.0 \text{ g/m}^2 \text{ (45} - 55 \text{ kg/}1000 \text{ sheets/}788 \times 1091$

mm²)

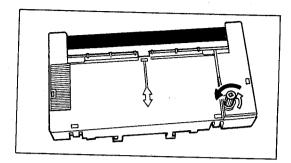
Quality:

bond paper

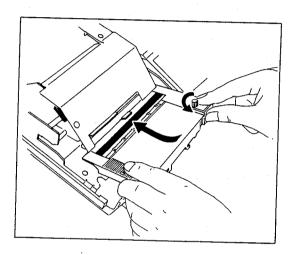
Paper tube:

18 mm

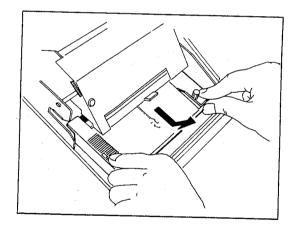
INSTALLING THE INK RIBBON CASSETTE



- (1) Remove the printer cover.
- (2) Rotate the knob on the ink ribbon cassette in the direction of the arrow to stretch the ribbon tight.



- (3) Place the ribbon at the front of the ink ribbon cassette under the paper roll release lever and set the entire cassette in the printer.
- (4) Rotate the knob two or three turns in the direction of the arrow to make sure it rotates smoothly. Also, make sure the ribbon is not folded.

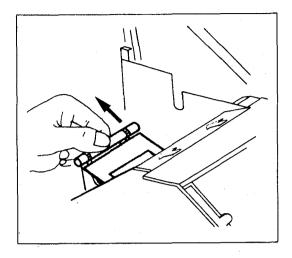


(5) To remove the cassette, pull it slightly and then lift it up.

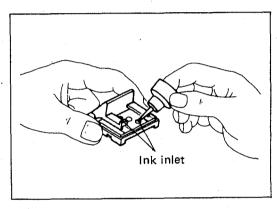
Request: Be sure to use ink ribbon cassettes specified by SHARP. The use of any cassettes other than specified could cause troubles in the printer.

INK REFILL

If the logo becomes too light, refill it with the supplied logo ink following the procedure given below.



- (1) Remove the printer cover.
- (2) Remove the store name logo by pulling it in the direction of the arrow.



- (3) Pour two or three drops of logo ink through the ink inlet situated on the back of the logo.
- (4) Replace the logo by the reverse procedure of removing.
- (5) Replace the printer cover.

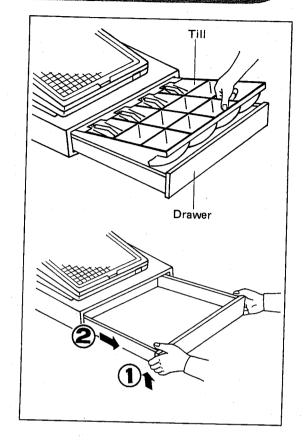
Precautions

- 1. The logo ink first gives a clear print 10 to 15 hours after being poured into the logo. Therefore, refilling after the daily business is most effective.
- 2. Overinking should be avoided. This will create a blurry print.
- 3. The ink is exclusively used for the logo.

 Do not apply the ink to the ink ribbon and ink roller.
- * When the supplied ink is exhausted, purchase the logo ink specified by SHARP.

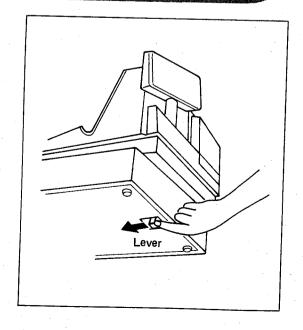
REMOVING THE TILL AND THE DRAWER

The till in the register is detachable. After closing your business for the day remove the till from the drawer and keep the drawer open. This will prevent money from being stolen. To detach the drawer, pull it foreward fully with the till removed, and draw it out by lifting it up.



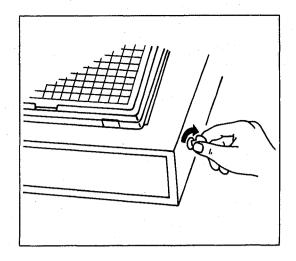
OPENING THE DRAWER BY HAND

The drawer automatically opens in the usual way, however, when power failure is encountered or the machine becomes out of order, slide the lever in the opening located on the machine bottom toward the front. (See the figure at the right.) The drawer will not open, if it is locked with a drawer lock key.

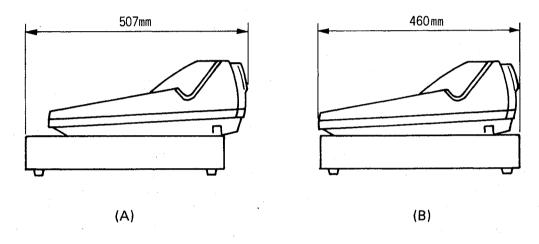


For the U.K. or Australia model

Insert the key into the drawer lock and turn it 90 degrees clockwise.



Note: When the ER-3100 is delivered, the drawer is set as illustrated in Figure (A). Where required, you are able to move the register frontward as illustrated in Figure (B).



Also, you are able to separate the drawer from the register. Please consult your dealer for details.

BEFORE CALLING FOR SERVICE

The malfunctions shown in the left-hand column below, labeled "Fault," do not necessarily indicate functional faults of the machine. It is therefore advisable to refer to the "Checking" shown in the right-hand column before calling for service.

Fault	Checking
(1) The display won't be illuminated even when the mode switch is turned to any other position than " U ".	 Is power supplied to the electric outlet? Is the power cord plug out or loosely connected to the electrical outlet?
(2) The display is illuminated, but the whole machine refuses entries.	 Is the cashier key inserted? Is the mode switch set properly at the "REG" position?
(3) No receipt is issued.	 Is the receipt paper roll properly installed? Is there a paper jam? Is the receipt ON-OFF switch in the "OFF" position?
(4) No journal paper is taken up.	 Is the take-up spool installed on the bearing properly? Is there a paper jam?
(5) Printing is unusual.	 Is the ink ribbon cassette installed properly? Is the ink ribbon's life completed?

LIST OF OPTIONS

For your ER-3100 register, the following options are available. For details, contact your local dealer.

- RAM memory chip model ER-46PL1
 One unit provides 673 PLUs, and two units 987 PLUs.
- 2. Remote drawer model ER-37DW3
 Only one ER-37DW3 can connect to your ER-3100.
- 3. Spare mode switch models ER-31MD1/MD2/MD3/MD4/MD5

 A total of 100 spare switches, 20 for each of the 5 different types are available.
- 4. RS-232C interface model ER-31RS2
- 5. 1.5-meter cable model ER-52CB
- 6. Level converter model ER-67LC
- 7. 3.5-inch floppy disk drive model ER-01FD
- 8. Auxiliary power supply battery unit model ER-30BT
- 9. Till model ER-38CC
- 10. Till cover model ER-38CV1/CV2/CV3/CV4/CV5 or ER-38CV West Germany model: ER-38CV1/CV2/CV3/CV4/CV5
 U.K. or Australia model: ER-38CV
- 11. Drip-proof key cover

SPECIFICATIONS

Model:	ER-3100
External dimensions:	440 (W) × 507 (D) × 331 (H) mm
Weight:	15.5 kg
Power source:	
	AC local voltage ± 10%, 50/60 Hz
Power consumption:	Stand-by 12 W
	Operating 40 W
Working temperature:	0°C to 40°C
Electronics:	LSI (CPU), etc.
Built-in battery:	Ni-Cd rechargeable battery, memory holding time about
	1 month (with fully charged built-in battery, at room
	temperature)
Display:	Fluorescent display tube
Printer:	
Type:	2-station serial dot-matrix (7 x 7 font) printer
Printing speed:	Approx. 2.2 lines/second
Printing capacity:	21 digits each for receipt and journal paper
Other functions:	1. Logo function
	2. Receipt ON-OFF switch, journal selective function
	3. Receipt and journal independent paper feed function
	4. Validation printing function
Ink ribbon:	Color: Purple (single color)
(Cassette type)	Width: 13 mm
	Length: 10 meters
Logo:	Dimensions of the printing face: 30 (W) x 20 (H) mm
Paper roll:	Width: 45.5 ± 0.5 mm
	Max. diam.: 83 mm
<u> </u>	Weight: $52.3 - 64.0 \text{ g/m}^2 \text{ (bond paper)}$
Cash drawer:	4 slots for bills, and 8 for coins

Accessories:	Manager key	2
	Submanager key	2
	Operator key	2
	Drawer lock key	2
	Printer cover lock key	2
	Ink ribbon cassette	1
	Standard logo	1 (mounted on the main body)
	Logo ink	1 (5 cc)
	Paper roll	2
	Spool	1
	Key sheet for the	
	standard keyboard layout	1 (mounted on the main body)
	Blank key sheet	· 1
	Key sheet for programming	1
	Bill separator	1
	Dust cover	1 sheet
	Instruction manual	1 copy

^{*} Specifications and appearance subject to change without notice for improvement.

SHARP PARTS GUIDE

CODE: 00Z ER3100PG-E



ELECTRONIC CASH REGISTER

SECTION3 . PARTS

MODEL ER-3100

SRV key: LKGiM7113RCZZ

PRINTER: M-2640

Kellneuschoß: DKIT-8227 RCZZ

- CONTENTS

to \

2

8321

- 1 Exteriors (cabinet, printer etc.)
- 2 Keyboard unit
- 3 Packing material & Accessories
- 4 Drawer box unit (KA, KB)
- 5 Drawer box unit (U.S.A., CANADA, TQ, TR, TS)
- 6 Main PWB unit
- 7 Display PWB unit
- 8 RAM PWB unit
- 9 Noise filter PWB unit (Except U.S.A., CANADA)
- 10 Customer display PWB unit
- 11 Articles of consumptions

12 Service options

13 AC Cord

■ Index

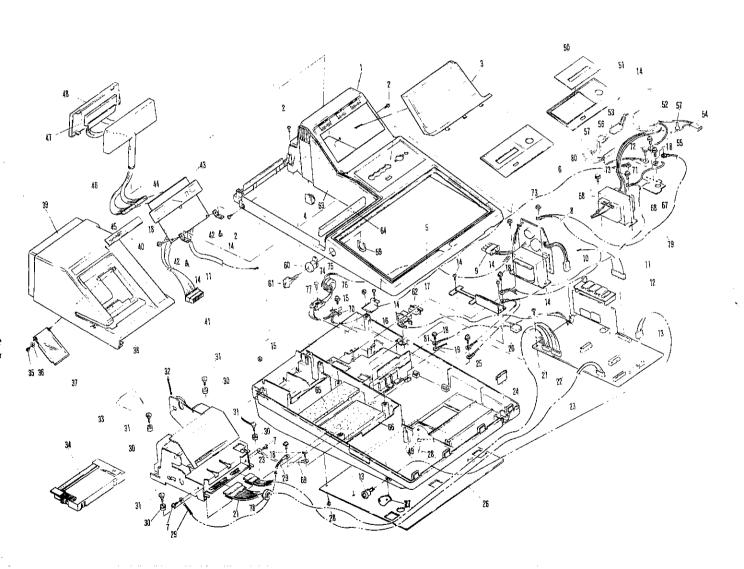
Parts marked with " Δ " is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

1 Exteriors(cabinet,printer etc.)

	1 Exteriors(cabinet,printer etc.)						
	NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION	
	1	GCABB6917RCZZ	AT	N	D	Top cabinet	 -
	2		AA		С	Screw (3×10)	
	3	PF i LW 6 7 9 8 R C Z Z	AM	N N	D	Display filter	(U.S.A.,CANADA)
	4	P F i L W 6 8 1 2 R C Z Z L H L D W 5 0 3 4 B C Z Z	AK	N N	D	Display filter Wire holder(CKN-10)	(Other countries)
	5	HPNLC6746RCZZ	AG	N	D	Key pad	for customer display connector)
	6	HDECE 6 7 5 5 RCZZ	AH	N	D	Switch panel	(Except U.S.A.,CANADA)
	7	XBPSD40P06K00 CPWBF7046RC05	AA	N1	C	Screw (4×8K)	
	8	CPWBF 7 0 4 6 R C 0 4	BM BM	N N	<u>Е</u>	Noise filter PWB unit Noise filter PWB unit	(KA)
		CPWBF7046RC02	BL	N	Ë	Noise filter PWB unit	(KB) (TQ,TR,TS)
Δ	9	QCNCW6720RC05	AG		С	Connector 4pin with wires (Mode → Noise filter)	(10,111,10)
Δ		QCNCW6915RC01	A E		C	Connector	
.		Q C N W - 7 0 5 2 R C Z Z C P W B F 7 0 4 4 R C 0 2	A D B L	N N	C E	Connector (Main ↔ Display) RAM PWB unit	CLC A CANADA)
	12	CPWBF7044RC01	BL	Ni Ni	<u>_</u> _	RAM PWB unit	(U.S.A.,CANADA) (Other countries)
		QCNW-7018RCZZ	ΑL	N	С	SIO connector	(Outer countries)
		XUBSD30P08000	AA		<u>c</u>	Screw (3×8)	
ŀ		X N E S D 3 0 - 2 4 0 0 0 H P N L C 6 7 4 7 R C Z Z	A A	N	C	Nut (3NS) AC code panel	
1		LANGK7228RCZZ	AG	N	č	Option angle	
	18	XBPSD30PD6KSD	AA		C	Screw (3×6KS)	
ŀ	19	Q C N W - 7 0 5 0 R C Z Z	A D	N	C	Earth wire (from key PWB)	
	20	0 A G Q C W 2 1 8 M K S S 0 A G Q C W 2 2 1 M K S S	AL	- Al	В	Connector with wire	(U.S.A.,CANADA)
ŀ		QCNW-7013RCZZ	AN	N N	B C	Connector with wire Lead wire (Printer P)	(Other countries) (U.S.A.,CANADA)
	21	QCNW-7013RC01	AM	N		Lead wire (Printer P)	(Other countries)
	22	CPWBF7041RC02	CG	N	E	Main PWB unit	(U.S.A.,CANADA)
ļ		CPWBF7041RC03	ÇG	N	E	Main PWB unit	(Other countries)
-		2.2	A H A C	N	C	Lead wire (Printer S)	
ł	- 7	GCABA6919RCZZ	BA	N	D D	Front cover Bottom cabinet	(Funnal TO TO TO)
1	25	GCABA6935RCZZ	BA	N	D	Bottom cabinet	(Except TQ,TR,TS) (TQ,TR,TS)
		G i T A U 6 7 2 1 R C Z Z	AM	N	D	Base plate	(19,711,137
ļ		GFTAS6710RCZZ	ΑB	N	D	Loader cover	
-		XUBSD30P06000 QCNW-7049RCZZ	A A	N.	C	Screw (3×6)	
ŀ		PCUS-4101CCZZ	A D A B	N	C	Earth wire Printer cushion	
İ	31	LX-BZ1007CCZZ	AB		č	Screw	
[32	Ki-ŌB6706RCZZ	CA	N	Е	Printer (M2640)	
Ì		PSTM-6658RC01	AR	N	C	Stamp	(except TR,TS)
	33	PSTM-6660RC01 PSTM-6662RC01	AR	N N	C C	Stamp	(TR)
	34	PRCN-2320RCZZ	AX	N		Stamp Ribbon cassette	(TS)
)- J	35	XUPSD20P04000	AA			Screw (2×4)	
- [36	XWHSD20-04060	AA		С	Washer	-
- }		PFiLW6714RCZZ	A D		D	Journal filter	
ŀ		PCUT-1027CCZZ GCOVH6878RCZZ	A C A R	N	C D	Paper cutter Printer cover	
ŀ		HBDGD6817RCZZ	AC	N	D	SHARP badge	
		Q C N W - 7 0 1 7 R C Z Z	AN	N	Č	Key cable	
		L A N G K 7 2 2 7 R C Z Z	A C	N		Display angle	
-		CPWBF7042RC02	BR	N		Display PWB unit	
ŀ		Q C N W - 7 0 1 5 R C Z Z Q C N W - 7 0 1 6 R C Z Z	A K A H	N N	C	Pop-up cable 1 Pop-up cable 2	
ŀ		G C A B B 6 9 1 8 R C Z Z	AH	N	Ö	Customer cabinet	
	47	CPWBF7043RC01	вн	N		Customer display PWB unit	
	48	PFILW6797RCZZ	AM	N.	D	Customer filter	(U.S.A.,CANADA)
-		P F i L W 6 8 1 3 R C Z Z Q C N W - 7 0 4 8 R C Z Z	A H A D	N N		Customer filter	(Other countries)
F		HDECE 6 7 4 4 RCZZ	AD	N		Earth wire (from Drawer connector holder) Push switch panel	(U.S.A.,CANADA)
- [51	HDECE6743RCZZ	AH	N		Switch panel	(U.S.A.,CANADA)
Λ	52	RFILN6001RCZZ	ΑT	N		Noise filter	(U.S.A.,CANADA)
		Q C N W - 7 0 3 2 R C Z Z	A D	N		Connector with wire (2pin)	(U.S.A.,CANADA)
Δ		Q C N W - 7 0 3 6 R C Z Z Q C N W - 7 0 3 7 R C Z Z	A D A A	N N		Connector with wire Earth wire	(U.S.A.,CANADA)
		QCNW-7037RCZZ	AD	N		Connector with wire (2pin)	(U.S.A.,CANADA) (U.S.A.,CANADA)
Λ	57	QTANP1094CCZZ	АА		Č	Terminal	(U.S.A.,CANADA)
Δ		RTRNP6753RCZZ	ΑY	N		Power transformer :	(U.S.A.,CANADA)
-		MSPRK 6 6 6 0 RCZZ	A C			Clip	
F		LKGiW7108RCZZ LKGiM6784RCZZ	A K A D	N		Lock for printer cover Printer cover key (1PC)	
卜	52	GFTAB6264RCN1	AB	N	$\overline{}$	Lid(for battery connector)	(Except U.S.A.,CANADA)
	63	PCUSS6724RCZZ	ΑK	N	С	Cushion	(Except U.S.A.,CANADA)
F		PCUSS6723RCZZ	A K	N	С	Cushion	(Except U.S.A.,CANADA)
-		PCUSS6720RCZZ	AK	N N		Cushion	(Except U.S.A.,CANADA)
H		P C U S S 6 7 2 1 R C Z Z G i T A U 6 7 2 3 R C Z Z	A K A Q	N N		Cushion Main earth plate	(Except U.S.A.,CANADA)
F		QCNW-7035RCZZ	ĀD	N		Earth wire	(Except TQ,TR,TS) (U.S.A.,CANADA)
		Q C N W - 7 0 3 9 R C Z Z	AB	N		Earth wire	(Except TQ,TR,TS)
					-		

1 Exter	iors(cabinet,	printer	etc.)
	1010(0001100)	P	<i>-</i>

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK		DESCRIPTION
70	LHLDW4081CCZZ	AC		Ç	AC cord holder	(TQ,TR,TS)
	QTANP0004HCZZ	AB		C	Lug terminal (44)	(U.S.A.,CANADA)
	XBPBZ40P06K00	AA		С	Screw (4×6K)	(Except TQ,TR,TS)
73	XBPSD40P08KS0	A A		C	Screw (4×8KS)	
74	XUPSD30P14000	AA		С	Screw (3×14)	
	RCORF 6 6 2 9 RCZZ	ΑQ		C	Core (ESD-R-25L)	(Except U.S.A.,CANADA)
76	XBPSD30P08KS0	AA		С	Screw (3×8KS)	
	QTANN 6 6 2 9 R C Z Z	AF		C	Block terminal	(Except U.S.A.,CANADA)
	RCORF 6 6 2 7 RCZZ	AK		T C	Ring core (31MM)	(TQ,TR,TS)
	QCNW-7035RCZZ	AD	N	Ċ	Earth wire	(KA,KB)
	QTANPOOD4HCZZ	AB		Č	Lug terminal (4¢)	(KA,KB)
		AE	N -	c	Earth wire(CPU)	
81	UCNW-7071RCZZ	AA		C	Cable band (TE10K)	(for ring core Na75 etc.)
	LBNDJ0004UCZZ	AA	-	 č -	Cable clamp(large)	(for connector No.54)(U.S.A.,CANADA)
102	LBNDJ2003SCZZ			 	Ouble Gamptian Boy	



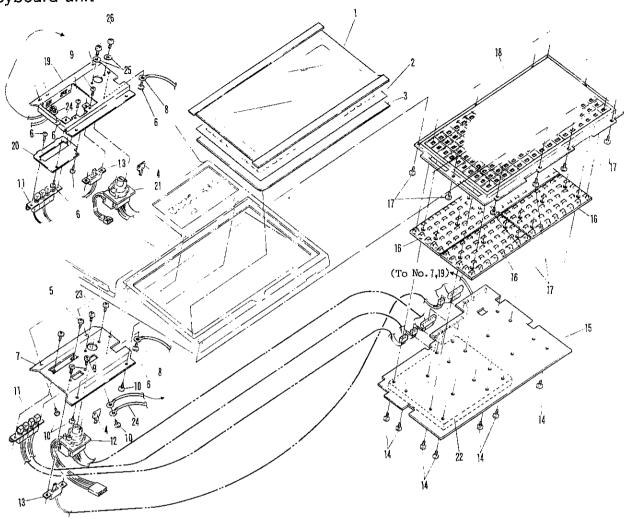
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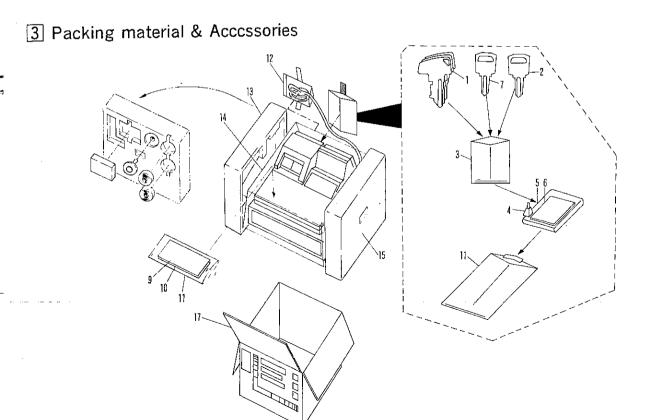
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	NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
· [_	<u> 1</u>	PSHEZ6687RCZZ	AW	N	C	Key sheet A
Т.	2	PSHEZ6697RCZZ	AH	N	C	Observed to the Control of the Contr
, L	4.5	PSHEZ6710RCZZ	AK	N	C	
	3	PSHEZ6688RCZZ	ΑQ	N	С	(Other countries)
		LKG i M 7 1 1 0 R C Z Z	AG	N	В	Mantage Land 20103
- T	4	LKGIM7111RCZZ	AG	N	B	Operator I.e., (OD)
L		LKG i M 7 1 2 9 R C Z Z	AE	N	В	Cub montage kang (CAA)
. L	5	XBPSD30P06K00	AA		C	Scrow (2 V CV)
_ _	6_	XBPSD30P06KS0	A.A			Communication of the communica
" [_	_ 7	LANGK7229RCZZ	AG	N	C	
:	8	QCNW-7050RCZZ	A D	N	Ċ	Earth wire
	9	XBPSD20P04000	AA		Ċ	Coroni (O.V. A)
	10	XUPSD30P06000	AA	<u> </u>	C	(2)(2)
	11	QSW-Z6774RCZZ	ΑÜ	N	В	
	12	LKG i W 7 1 3 2 R C Z Z	AK	N	В	TWO I THE TAX I WAS A STATE OF THE TAX I WAS A
- [=	13	QSW-Z6773RCZZ	AN	N	В	Mode switch (Except U.S.A.,CANADA)
\perp	_14_	0 A L Z D 2 0 6 - 6 7 0	_A.A	- ''		Screw (Z=D2006-670)
	15	0 A L 4 0 1 K F G - 0 0 1	BA		č	3Crew (2-102000-6/0)
		0 A L 4 2 1 K F G - 0 0 1	BB			Key PWB (401KFG-001-90R)(Board only)
_		XUBSD30P08000	AA		C	Key rubber sheet (421KFG-001-90R)
-	18	0AL101KFG-001	AV		c	Screw (3×8)
-	19	LANGT7246RCZZ	ĀG	N		Housing (101KFG-001-90R)
\vdash	20	LANGK7248RCZZ	AC	N	_ <u>C</u>	Angle(for switch installment) (U.S.A.,CANADA)
\vdash	21	LKG i W 7 1 3 0 R C Z Z				CIERK angle
\vdash	22	PCUSS6722RCZZ	AK	_ N		Mode switch
	23	XUSSD30P06000	AK	N	_ <u>c</u> _	Cushion (180×160)
\vdash	24	QCNW-7072RCZZ	A A			Screw (SA6)
-	25	XWSPN30-07000	AE	N		Earth wire (from display)
-	20	XWSPN30-07000	A A			Spring Wastler (300)
Η.		XUSSD30P08000	AA	N T		Screw (3×8)
		0 A L W - P 9 0 0 2 - 0 1	A C		В	Connector (W - P9002#01)(2pin)
\vdash	102	0 A L W - P 9 0 0 3 - 0 1	A C		С.	Connector (W-P9003#01)(3pin)
_		0 A L W - P 9 0 1 2 - 0 1	AF		С	Connector (W - P9012#01)(12pin)
		0 A L W - P 0 7 1 8 - 0 1	A G		С	Connector (WP0718#01)(18pin)
_		OALZT03001588	AA		В	Diode (1S1588)(Z-T0300-01588)
_		0 A L Z T 0 5 0 1 0 1 0 8	ΑD		В	Diode (1SS108)(Z-T0501-00108)
_		0 A L Z Z 0 5 2 0 0 1 3 8	ΑQ		. В	IC (LS138)(Z-Z0520-00138)
	08	0 A L Z Y 0 5 6 0 0 0 4 5	A Q		В	IC (HC157)(Z-Z0560-00045)
\vdash		0 A L Z W 8 8 3 4 7 3 1 8	AF		В	Block resistor (47KΩ×8)(Z-W0883-47318)
	10	O A L Z W 8 A A 4 7 3 D J	AA		С	Resistor (47KΩ)(Z – W08AA – 473DJ#01)
	11	0 A L Z V 1 2 C K 1 0 4 E	ΑD		С	Capacitor (0.1µF)(Z-V12CK104EMSR#1)
_5	01	DUNTK8196RCZZ	BK		Ē	Vb 1120 1)
_		(Unit)		-		Keypoard unit(flat type) (Include except No.1~3)
ء ا	01	DUNTK8237RCZZ	BS	N	E	Keyboard unit (U.S.A. CANADA)
Ľ	" [DUNTK8313RCZZ	BS	N	Ē	(Sidhaard sail)
3		acking material				(Other countries)

3 Packing material & Accessories

	doming material	~ , ,	0000	01100		
NO.	174110 0002	PRICE RANK		PART RANK	DESCRIPTION	
[LKG i M 7 1 1 0 R C Z Z	AG	N	В	Master key (MA)	_
1	- 11 4 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1	AG	N	В	Operator key (OP)	_
	LKG i M 7 1 2 9 R C Z Z	ΑE	N	В	Sub master key (SM)	
2	DAGLKMKSA1680	AF		В	Drawer key	
	0 A G L K M D C 6 0 A 0 1	AH		В	Drawer key	(KA,KB
3	SSAKA0001SCZZ	ΑA	,	D	Viny! bag (200×300mm)	(Except KA,KB
	UINK-1001CCZZ	A K		S	Ink (5cc)	
5	GCOVD6871RCZZ	AP	_ N	D	Dust cover	
1 1	TiNSE7006RCZZ	AX	_ N	D	Instruction book	(ILC A.)
	TiNSK7032RCZZ	BB	N	٥	Instruction book	(U.S.A.) (CANADA)
	TiNSE7024RCZZ	ΑX	N	D	Instruction book	(KA,KB)
6	TiNSE7024RCZZ	AX	N	D	Instruction book	(TQ,TR,TS)
	TiNSF7025RCZZ	AX	_ N	D	Instruction book	(TQ,TR,TS)
<u> </u>	TINSG7026RCZZ	ΑX	N.	D	Instruction book	(TQ,TR,TS)
	TiNSS7027RCZZ	ΑX	N	D	Instruction book	
	LKG i M 6 7 8 4 R C Z Z	AD		В	Printer cover key (1pc)	(TQ,TR,TS)
9	PSHEZ6700RCZZ	A D	N	. С	Character sheet (Blank)	
10	PSHEZ6698RCZZ	A C	N	C	Character sheet (Setting)	(U.S.A.,CANADA)
	PSHEZ6711RCZZ	ΑD	N	С	Character sheet (Setting) Prop. Folie	(Other countries)
	S S A K H 3 O 1 5 C C Z Z	A A		D	Vinyl bag (260×360mm)	(Other countries)
12	SSAKA5004CCZZ	A A		D	Vinyl bag (100×300mm)	
	SPAKA7578RCZZ	AP	N	D	Packing cushion (Right)	
	SSAKA2012KCZZ	AF		D	Vinyl bag (600×540×510mm)	
	SPAKA7579RCZZ	AP	Ŋ	_D]	Packing cushion (Left)	<u> </u>
17	SPAKC7556RCZZ	AR	N	D	Packing case	
	UBNDA1008CCZZ	AA		C	AC cord band	
	TCADH 6 6 5 3 RCZZ	ΑB			Caution card	(U.S.A.)
	TCADH6654RCZZ	AB		D	Caution card	(Except U.S.A.)
103	TCAUS1003RCZZ	A C		Ď	Battery label	(CANADA)
104	TCAUS1053CCZZ	A C		D	Caution label for inst. book	
105	TCAUS1054CCZZ	ΑB		ä	Caution label for AC cord	(KB) (KB)
106	TLAB-4681CCZZ	A A		С	Ground label	
107	LKG i M 7 1 1 3 R C Z Z	AK	N		Service key (SRV)	(KB)

2 Keyboard unit

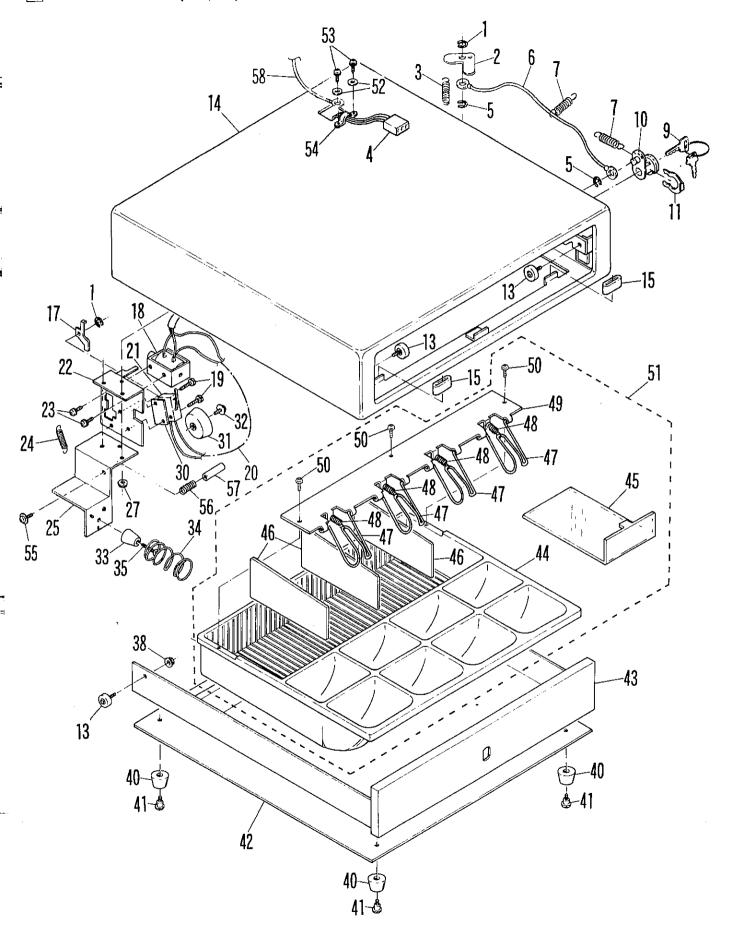




4 Drawar box unit(KA,KB)

	۳	Drawar box unit(r				and property and the second seco
	NO.	PARTS CODE	PRICE	NEW MARK	PART RANK	250000000000000000000000000000000000000
		0 A G X R D 8 0 1 4 0 6 0	AA	MAIN	C	E type ring (4mm)
1	2	O A GMAM 2 O 2 MKSS	AD		C	Open arm
	3	O A G M S T 2 O O M K S S	AB		С	Open arm spring (6648)
	4	DAGQCW221MKSS	AL	Ŝ N	В	Connector (3pin with wire)
	<u></u>	0 0 A G X R D 8 0 2 3 0 6 0 0 0 A G W I R 2 0 0 M K S S	. A A		C	M3 E type ring
	— 7	OAGMST800MKSB	AK	<u> </u>	C	Open wire
	9	0 AGLKMKSA1680	AF		C B	Spring Drawer key
	10	0 AGKSA168101S	AL		В	Drawer lock
ļ	11	O A GMSK 8 D O MKSS	A C	·	C	Lock key Spring
ŀ		0 A G N R P 2 2 B 1 L 0 0	ΑE		C	Roller
ŀ	14	0 A G G C M 1 4 8 S 4 6 0 0 A G L S G 2 0 0 M K S S	BF	N	D	Drawer cabinet
ŀ	17	O A G M L F 2 O 6 M K S S	A B A B	<u> </u>	Č	Stoper rubber(Front)
ŀ	18	O A G R L U 2 D 5 M K S S	AQ	<u> </u>	<u>С</u> В	Lever Plunger
	19	10 A G X B D 2 0 2 3 1 4 X	AA		Ĉ	Screw (3×14)
	20	O A G Q C W 2 O 8 M K S S	A.B		č	Lead-wire -
ŀ	21		AL		В	Micro switch
İ	22	0 A G M K S 2 4 3 M K S S	A M		. C_	Lock lever
ŀ	23	0 A G M K S 2 1 2 M K S S - 0 A G X B D 2 0 1 3 0 6 X	AK	3/	<u>C</u>	LOCK lever
H		0 A G M S T 8 0 0 M K S S	A A B		C	Screw (3×6)
ı	25	OAGLCS201MKSS	AH	F2	- c	Lock spring Unit chassis
	27	0 A G L X Z 8 0 0 M 4 S P	AA		_ č	Nut
Į		0 A G P S P 2 O O M K S S	AB		Č	Insulator sheet
F	31		ΑD		C	Bell
ŀ	32		_ A A		C	Screw (4×8)
1	33	0 A G G L G 8 0 0 K 2 3 0 0 A G G L G 8 0 2 2 0 1 7	AB AB		Ç	Stopper rubber (KB)
F	34	0 A G M S T 8 0 5 4 6 0 A	AD	 	_ <u>.C</u>	Stopper rubber
F	35	0 A G X B D 8 0 3 3 1 5 S	A.A		C	Push out spring Screw
	38	0 AGLXZ801M 6SP	AA	-,	. c	Nut
L		0 AGGLG801MKSS	AB		Ċ	Leg (26mm)
F	41		AA		С	Screw (4×15)
ŀ	42	0 A G G i U 1 4 3 S 4 6 0	AS	_ N	_ C	Bottom plate
╌	43	0 A G G D W 4 4 5 S 4 6 0 0 A G G C P 6 I 4 M K S S	AZ	_N	ç	Drawer
۲	45	O A G G S P 6 O O M K S S	AY		D C	Drawer case
	46	0 A G P S R 6 0 0 M K S S	ĀĒ		- 6 	Bill separator Bill separator
	47		AD		č	Bill pressure lever
	48	O A G M S T 6 O O M K S B	AB		č	Bill pressure spring
-		0 A G L B C 6 0 1 M K S S	A L		Ç	Bill pressure bracket
┝	50 51	0 A G X B D 8 0 4 3 0 6 B	AA		С	Screw (3×6)
⊢	52	0 A G C C P 6 1 4 4 8 S 1 0 A G X W D 8 0 0 3 0 5 0	BB AA		E	Coin case
┢	53	0 A G X B D 2 0 0 3 8 C 1	AA		C	Washer
┢		O A G L DW 2 O O MK S S	ÂD			Screw Holder
	55	0 A G X B D 8 0 6 4 0 6 N	AA			Screw
\perp	56	0 AGMST 8 0 9 MKSB	ΑB		.c	Spring
⊢	57	0 A G M L F 2 O 1 M K S S	AB			Hammer
\vdash	28	QCNW-7048RCZZ	A D	_N	_c	Earth wire
上		(Unit) GBOXD6896RCZZ	ВТ	N		
	901	GBOXD6892RCZZ	BT	N		Drawer box unit (KA) Drawer box unit (KA)
				' '		Drawer box unit (KB)
L						
\vdash						
┢	-+		 -↓	L		
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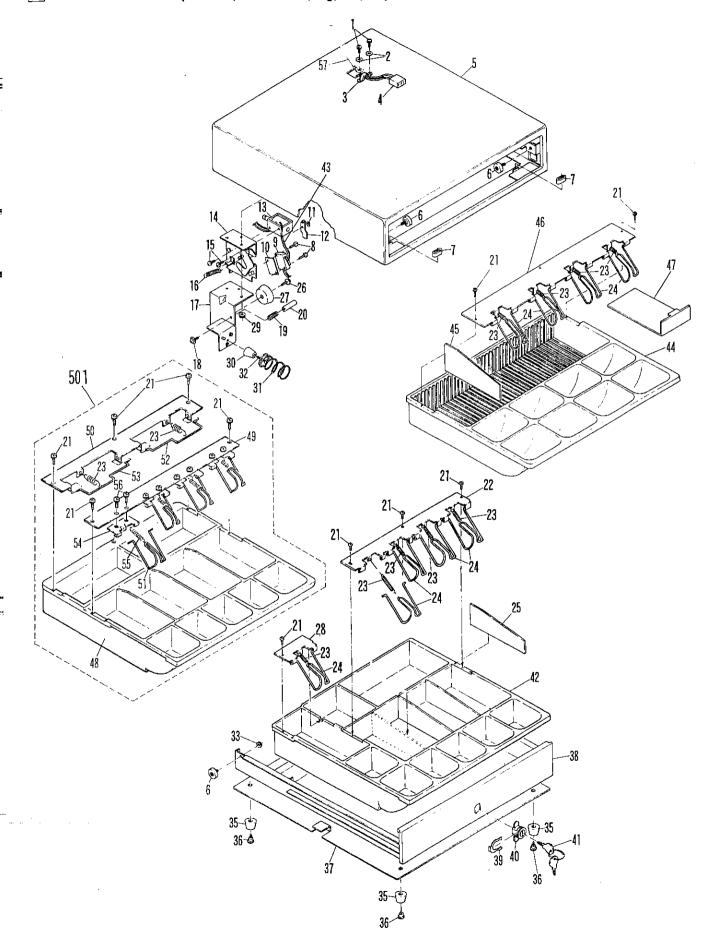
4 Drawar box unit(KA,KB)



5 Drawar box unit(U.S.A.,CANADA,TQ,TR,TS) (SDM,AUDSIDE 4 od 15874.34 Tells

ြ	Drawar box unit(NADA	A,TQ,TR,TS) (SIM,All'Mines flodingsytur I fil
N	D. PARTS CODE	PRICE	NEW MARK	PART	
\vdash	1 0 A G X B D 2 0 0 3 8 C 1	A A	MAKK	RANK	
	2 0 A G X W D 8 0 0 3 0 5 0	AA		Č	Screw Washer (M3)
	3 OAGLDW200MKSS	A D		č	Holder
	0 AGQCW218MKSS	AL		В	Connector with wire (U.S.A.,CANAD
	4 OAGQCW221MKSS	AL	N	В	Connector with wire
\vdash	5 0 AGGCM144S460	B-F	N	D	Drawer cabinet
-	6 0 A G N R P 2 2 B 1 L 0 0 7 0 A G L S G 2 0 0 M K S S	AE		C	Roller
\vdash	7 0 A G L S G 2 0 0 M K S S 8 0 A G X B D 2 0 2 3 1 4 X	A B	-	C	Stoper rubber(Front) (Front)
╅	9 0 A G Q S W 2 0 0 M K S S	AL		B B	Serew (3×14) (TQ.TR.) Microswitch (TO.TR.)
-7	0 0 A G P S P 2 0 0 M K S S	AB		Č	Inquistant all the control of the co
	1 0 A G X R D 8 0 1 4 0 6 0	AA		Č	E type ring (4mm) (TQ.TR.1
. D	2 OAGMLF220MKSS	ΑB		C	Lever (U.S.A.,TQ,TR,T
7	UAGMLFZUEMKSS	AB		C	Release lever (CANAD
1	3 O A G R L U 2 O 5 M K S S	ΑQ		В	Plunger (24V 25Ω Diode) (U.S.A.,TQ,TR,T
- ⊢-	UAGREUZIUMKSS	ΑQ		B	Plunger CANAD
	4 0 A G M K S 2 4 3 M K S S 0 A G M K S 2 1 2 M K S S	A K		<u>c</u>	Lock-system (U.S.
H	5 0 A G X B D 2 0 1 3 0 6 X	AA		C	Lock system (CANADA,TQ,TR,T
	6 0 A G M S T 8 O O M K S B	AB		-č	Spring (For lock cam)
1	7 OAGLCS201MKSS	AH	_	č	Unit chassis
1	8 0 A G X B D 8 0 6 4 0 5 N -	AA		č	Screw
L	9 0 A G M S T 8 0 9 M K S B	AΒ		C	Bell harnmer spring
<u> </u>	0 OAGMLF201MKSS	A B		C	Bell hammer
	1 0 A G X B D 8 0 4 3 0 6 B	ΑΆ	٠.	<u>c</u>	Screw (M3×6)
2	2	A K A B		<u> </u>	Bill pressure bracket (L) .(U.S.
- 5	4 O A G M L V 6 O O M K S S	AB		<u>C</u>	Bill pressure spring
2	5 OAGPSR601MKSS	AF		C	Diete
	6 0 A G X B D 8 0 1 4 0 8 W	AA		C	(0.5.7
	7 O'AGRAL 201MKSS	A D		С	Bell Screw with spring washer (4×8)
2	8 O A G L B C 6 I 5 M K S S	AF		С	Bill pressure bracket (S) (U.S.
2	9 0 A G L X Z 8 0 0 M 4 S P	AA		<u> </u>	Spring nut (4mm)
3	0 A G G L G 8 0 0 K 2 3 0 0 A G G L G 8 0 2 2 0 1 7	A B		<u>c</u>	Stopper rubber (U.S.
3	1 0 A G M S T 8 0 5 4 6 0 A	AD	No. 1	<u>C</u>	Stopper rubber (CANADA,TQ,TR,T
	2 0 A G X B D 8 0 3 3 1 5 S	AA		č	Screw (3×15)
	3 0 A G L X Z 8 0 1 M 6 S P	AA	-	Ċ	Spring nut (6mm)
3	5 OAGGLG801MKSS	. A B.		C	Rubber foot
	6 0 A G X B D 2 0 0 4 1 5 P	.A A		С	Screw (4×15)
	7 0 A G G i U 1 4 3 S 4 6 0	AS	N	С	Plate
-3	8 0 A G G D W 4 4 4 S 4 6 0 9 0 A G M S K 8 0 1 M K S S	AZ	N	<u>D</u>	Drawer case
4	0 0 A G D C 6 0 A - 0 1 0 S	A E A P		<u>С</u> В	Lock key spring Drawer lock
\ 4	1 DAGLKMDC 6 DA 0 1	AH		. В	Drawer lock Drawer key (1PC)
	2 DAGGCP613MKSS	ΑY		D	Money case (U.S.A
*****	3 O A G Q C W 2 O 8 M K S S	ΑB		C	Lead wire (TQ,TR,T
4		AY		D	Money case (TO TR T
	O A G P S R 6 O O M K S S	AE		C	Separator plate (TQ,TR,T)
	O A G L B C 6 O 1 M K S S	AL		C	Bill pressure bracket (TQ,TR,T
	B OAGGCP615MKSS	AX		C	Bill separator (TQ,TR,T: Money case (CANAD)
4	0 O A G L B C 6 0 9 M K S S	AH	-	č	Money case (CANAD) Bill pressure bracket (4A) (CANAD)
51	O AGLBC610MKSS	A M		Ċ	Bill pressure bracket (2A) (CANAD)
	L O A G M L V 6 O 2 M K S S	A D		С	Bill pressure lever (CANAD)
	2 0 A G M L V 6 0 7 M K S S B 0 A G M L V 6 0 6 M K S S	AK		_ c	Bill pressure lever R (2A) (CANADA
	O A G L B C 6 1 2 M K S S	A K		C	Bill pressure lever L (2A) (CANADA
	O A G M S T 6 O 4 M K S B	AB		C	Bill pressure angle (CANAD/ Bill pressure spring (4A) (CANAD/
	0 A G X B D 8 0 5 3 0 4 N	AA	. 1	č	Control
57	QCNW-7048RCZZ	A D	N	Č	Screw (3×4) (CANADA
50	0 AGCCP6156500	ВD		C	Money case unit (5C/6B) (CANADA
	(Unit) GBOXD6882RCZZ			I	
901	GBOXD6882RCZZ GBOXD6883RCZZ	BS	N N	E	Drawer box unit (U.S.A
30.	GBOXD68-93RCZZ	BS	N	E E	Drawer box unit (CANADA Drawer box unit (CANADA OTO TRITICOLOGIA OTO TRITICOLOGIA (CONADA OTO TRITICOLOGIA OTO TRI
	77"	<u> </u>	- 1	-	Drawer box unit kompl. Kanalade (TO,TR,TS
<u> </u>					
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	-				
			 [-		
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L					

5 Drawar box unit(U.S.A.,CANADA,TQ,TR,TS)



6 Main PWB unit

	<u> </u>	Main PWB unit	DOLOG	1.500	I =	FINE HEADY AND AND AND AND AND THE SHEET HER AND THE
	NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
ŀ		LBNDJ0004UCZZ PRDAF6639RCZZ	A A A F	N	C	Band,cable (TE10K)
ŀ		QCNCM1101CCZZ	AB	- N	C B	Heat sink Connector (2pin)
l		QCNCM5080BC0C	AC	:	<u>B</u>	Connector (3pin)
	5	QCNCM6821RC0C	A C		В	Connector (3piń)
ļ		QCNCM6862RC0B	AB		В	Connector (2pin)
		QCNCM6865RC0E	AB		C	Connector (5pin)
		QCNCM6865RC1A QCNCM6865RC1J	A D	 	C	Connector (11pin) Connector-(10pin)
		QCNCM6879RC1C	AC	N	č	Connector (13pin)
	11	QCNCW6730RC05	AF		В	Connector with wire (3pin) (Except U.S.A.,CANAL
		QCNCW6887RC0B	· AB		В	Connector (2pin)
-		QCNC-6905RC1F	AH	N	Ç	Connector (16pin)
-		Q C N W - 7 0 1 3 R C Z Z Q C N W - 7 0 1 3 R C D 1	AM	[∵] N	C	Lead wire (Printer P) (U.S.A.,CANAL
-		QCNW-7013RC01 QCNW-7014RCZZ	AH	N N	C	Lead wire (Printer P) (Except U.S.A.,CANAE Lead wire (Printer S)
<u></u> ţ	17	OCNW-7-0-4-5 RCZZ	A-E	N	C	Jumper wire(GND)
Í	18	QCNW-7046RCZZ	ΑE	N	С	Jumper wire(GND)
	19	QCNW-7071RCZZ	ΑE	N	C	Earth wire(CPU)
Α		QFS-A0301QCZZ	A C		. A	Fuse 3. A supermodel
Δ		QFS-B0301QCZZ QFS-A3089KCZZ	AE		Α Δ	Fuse (3.15A/125V) (U.S.A.,CANAD
		QFS-C2521TAZZ	AE		A	Fuse (1A/125V)(NRT - MINI) (U.S.A., CANAE Fuse (2.5A 250V)
Ā		QFS-C4081CCZZ	ΑF	- :	Ä	Fuse (630mA 250V)
	. 25	QFSHA1002CCZZ	ΑB		С	Fuse holder (MINI TYPE)
Ļ		QP i N - 6 6 2 7 R C Z Z	AA		C	Pin
-		QSOCZ6428ACZZ	AE		C	IC socket (28pin)
F		R A L M B 2 3 1 6 R C Z Z R C – E Z 6 8 8 M R C 1 J	AL	N	B C	Buzzer (HMB-06) Capacitor
ŀ		RC i L C 5 0 0 3 N C Z Z	AG	. IN	C	Coil (SN-3S-200)
f		RCILC6633RCZZ	ΑL		Č	Coil
	32	RCRSP1003CCZZ	AT.		В	Crystal (32KHz)
L		RCRSP6635RCZZ	A D	N.	В	Crystal (4.91MG)
-		RMPTC4103QCKB	A C	, '	В	Block resistor (10KQ×4 1/8W ±10%)
F		RMPTC6103QCKB RMPTC7103QCKB	A C A D		B	Block resistor (10K0×6 1/8W ±10%)
ŀ	37	RMPTC8103QCKB	AD		В	Block resistor (10KΩ×7 1/8W ±10%) Block resistor (10KΩ×8 1/8W ±10%)
- 1		RTRNH6760RCZZ	AM	N	В	Converter transformer
		UBATN2318RCZZ	AR		В	Battery
		VCCCPU1HH100D	AA		С	Capacitor (50WV 10pF)
ŀ		VCCCPU1HH200J	AB			Capacitor (50WV 20pF)
ŀ		VCCCPU1HH330J VCEAGU1CW106M	A B	·	C	Capacitor (50WV 33pF) Capacitor (16WV 10µF)
ŀ	44	VCEAGUICW108M	AD		č	Capacitor (16WV 1000µF)
ŀ		VCEAGU1HW105M	AA		Č	Capacitor (50WV 1.0 µF)
		VCEAGU1HW107M	'A C		С	Capacitor (50WV 100µF)
F		V C E A G U 1 HW 2 2 5 M	AA		C	Capacitor (50WV 2.2µF)
+		VCEAGUIHW476M	AB			Capacitor (50WV 47µF)
ŀ		V C E A G U 1 V W 2 2 8 M V C E A G U 2 A W 1 0 6 M	A G A B	N	C	Capacitor (35WV 2200µF) Capacitor (100WV 10µF)
ı		V C E A G U 2 A W 2 2 6 M	AB	- ,,		Capacitor (100WV 22μF)
f	52	V C E A G U 2 A W 3 3 6 M	AC	N		Capacitor (100WV 33µF) (Except U.S.A.,CANAD
		VCKYPU1HB101K	AA		С	Capacitor (50WV 100pF)
1		VCKYPU1HB102K	AA		<u>ç</u>	Capacitor (50WV 1000pF)
ŀ	55	V C K Y P U 1 H B 1 5 2 K V C K Y P U 1 H B 5 6 1 K	A A		C	Capacitor (50WV 1500pF) Capacitor (50WV 560pF)
ŀ	57	VCQYKU1HM103K	AB		Č	Capacitor (50WV 560pr) Capacitor (50WV 0.01µF)
ļ	58	VCQYKU1HM473K	AB		Č	Capacitor (50WV 0.047µF)
		V C Q Y K U 1 H M 6 8 3 K	ΑB		C	Capacitor (50WV 0.068 _H F)
ŀ		VCQYKU2AM103K	AC	N	C	Capacitor (100WV 0.010µF)
H		VCSAVA1CE685K VCTYPU1NX104M	A D A B	N	C	Capacitor (16WV 6.8µF)
ŀ	63	VHDDSS131HV-1	AA			Capacitor (12WV 0.10μF) Diode (DSS131HV)
ŀ		VHDGSA30B//-1	ĀĒ		- B	Diode (GSA30B) (Except U.S.A.,CANAD
Ì	65	VHDRBV401//-1	AG	j	В	Diode (RBV401)
		VHDS1SM40V1A1	A D		В	Diode (S1SM40V1A1)
ļ		VHD1SS82//-1	AB		<u>. B</u>	Diode (1SS82)
ŀ		VHERD33EB4/-1 VHERD4.3EL3-1	A B A B		B B	Zener diode (RD33EB4)
.		VHERD6 . 2EB1-1	AB	——— <u>-</u>		Zener diode (RD4.3EL3) Zener diode (RD6.2EB1)
ŀ		VHERD6 . 8E//-1	AB			Zener diode (RD6.8E)
	72	VH i H D 6 1 J 2 1 4 F 1	A W			IC (HD61J214F1)
		VH i HD 6 3 A 0 3 /-1	ВВ		B	IC (HD63A03)
		VHILH5167P-55	A.T	N N		IC (LH5167P-55)
ļ	/h i	VHILZ92A42/-1	AN	N		IC (LZ92A42)
}		VHIM54567//1	ΔI [§]	1		11C (MSASE7)
}	76	V H i M 5 4 5 6 7 // - 1 V H i N J M 2 9 0 3 N - 1	AL			IC (M54567) IC (NIM2903N)
 - - -	76 77	V H i M 5 4 5 6 7 // - 1 V H i N J M 2 9 0 3 N - 1 V H i P S T 5 1 8 A / - 1	A L A H A G		В	IC (M54567) IC (NJM2903N) IC (PST518A)
	76 77 78 79	VHINJM2903N-1	ΑН	N	B B B	IC (NJM2903N)

6 Main PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
81	VH i STR 2 0 2 4 /- 1	ВМ	N	В	IC (STR2024)
	VHITC74HC00PN	AG		В	IC (TC74HC00PN)
83	VHITC74HC139P	ΑK		В_	IC (TC74HC139P)
	VHITD62503P-1	AG		В	IC (TD62503P)
85	VH i TD 6 2 5 5 3 S - 1	ΑE		В	IC (TD62553S)
86	VHIT74LS14/-C	AG		В	IC (T74LS14)
87	VH1T74LS33/-C	AF		В	IC (T74LS33)
	VH i 2 7 2 5 6 R 1 3 1 A	BG	N _	В	IC (27256R131A)
88	VH i 2 7 2 5 6 R I 3 2 A	BG	N	В	IC (27256R132A)
89	VRD-RC2EY101J	AA		C	Resistor (1/4W 100Ω ±5%)
90	VRD-RC2EY102J	AA		C	Resistor (1/4W 1.0KΩ ±5%)
91	VRD-RC2EY103J	A A		C	Resistor (1/4W 10KΩ ±5%)
92	VRD-RC2EY104J	AA		C	Resistor (1/4W 100KΩ ±5%)
93	VRD-RC2EY122J	AA		C	Resistor (1/4W 1.2KΩ ±5%)
94	VRD-RC2EY153J	AA	L	С	Resistor (1/4W 15K0 ±5%) (Except U.S.A.,CANADA)
95	VRD-RC2EY181J	AA		С	Resistor (1/4W 180Ω ±5%)
	VRD-RC2EY183J	ΑA		C	Resistor (1/4W 18KΩ ±5%)
	VRD-RC2EY220J	ΑA	L	С	Resistor (1/4W 22Ω ±5%)
	VRD-RC2EY223J	АА		С	Resistor (1/4W 22K\Omega \pm 5\%) (Except U.S.A.,CANADA)
	VRD-RC2EY221J	A A		С	Resistor (1/4W 220Ω ±5%)
	VRD-RC2EY222J	A A		С	Resistor (1/4W 2.2KΩ ±5%)
	VRD-RC2EY272J	A A		С	Resistor (1/4W 2.7K0 ±5%)
	VRD-RC2EY273J	AA		C	Resistor (1/4W 27KΩ ±5%)
103	VRD-RC2EY331J	AA		C	Resistor (1/4W 330Ω ±5%)
	VRD-RC2EY332J	AA		C	Resistor (1/4W 3.3KΩ ±5%)
	VRD-RC2EY333J	AA		C	Resistor (1/4W 33KΩ ±5%)
106		АА	N .	С	Resistor (1/4W 330KΩ ±5%)
107		AA		C	Resistor (1/4W 3.9KΩ ±5%)
108	VRD-RC2EY432J	AΑ		C	Resistor (1/4W 4.3KΩ ±5%)
109	VRD-RC2EY470J	ΑA		Ç	Resistor (1/4W 47Ω ±5%)
110	VRD-RC2EY471J	AA		C	Resistor (1/4W 470 Ω ±5%)
	VRD-RC2EY472G	AA	N	Ç_	Resistor (1/4W 4.7KΩ ±2%)
	VRD-RC2EY472J	AA		C	Resistor (1/4W 4.7KΩ ±5%)
	VRD-RC2EY473J	AA		C	Resistor (1/4W 47KΩ ±5%)
114	VRD-RC2EY561J	AA		С	Resistor (1/4W 560Ω ±5%)
	VRD-RC2EY562J	AA		C	Resistor (1/4W 5.6KΩ ±5%)
	VRD-RC2EY563J	AA		C	Resistor (1/4W 56KΩ ±5%)
	VRD-RC2EY682J	A A		C	Resistor (1/4W 6.8KΩ ±5%)
118	VRD-RC2EY822G	A A		C	Resistor (1/4W 8.2KΩ ±2%)
	VRD-RC2EY912G	AA	N	С	Resistor (1/4W 9.1KΩ ±2%)
	VRS-ST3ABR68J	AA	N	C	Resistor (1W $0.68\Omega \pm 5\%$)
121	<u> </u>	AA		С	Resistor (1W 910Ω ±5%)
122	VSJA101-///-1	A B		В	Transistor (JA101)
123	VSJC501-//-1	ΑB		В	Transistor (JC501)
	V S 2 S A 6 7 3 -//-1	A D	<u> </u>	В	Transistor (2SA673)
125	V S 2 S B 8 8 1 -//-1	ΑH		В	Transistor (2SB881)
	V S 2 S C 3 5 6 8 - / - 1	AK		В	Transistor (2SC3568)
	VS2SD1191-/-1	AH	<u> </u>	В	Transistor (2SD1191)
128	VS2SD667-//-1	A D	1	В	Transistor (2SD667)
	XBPSD30P08K00	AA	<u> </u>	C	Screw (3×8K)
130	XBPSD30P10KS0	A B		C	Screw (3×10KS)
131	XBPSD30P12KS0	AA		C	Screw (3×12KS)
132	X N E S D 3 0 - 2 4 0 0 0	AA	<u> </u>	С	Nut (3NS)
	(Unit)				/ICA CANADA
	CPWBF7041RC02	CG	N	E	Main PWB unit (U.S.A.,CANADA
901	CPWBF 7 0 4 1 R C 0 3	CG	N	E	Main PWB unit (Other countries)
				<u> </u>	
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7 Display PWB unit

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION				
	LBNDJ0004UCZZ	AA		C	Cable band (TE10K)				
2	PSPAY6674RCZZ	A C	N	С	Spacer for display tube				
3	QCNCM6879RC0i	AB	N	С	Connector (9pin)				
	QCNCM6879RC1A	A C	N	C	Connector (11pin)				
	QCNW-7017RCZZ	AN	N	С	Key cable				
	QCNW-7052RCZZ	A D	N	С	Connector (Main ↔ Display)				
	OCNW-7072RCZZ	ΑE	N	С	Earth wire (To switch angle)				
	RC-CZ1084CCZZ	AB		С	Capacitor (MFC H06D300)				
	R C R S P O O O 6 M C Z Z	A D		В	Crystal (4MHz)				
	RMPTCB104QCJB	A D	Ň	В	Block resistor (100KΩ×12 1/8W ±5%)				
11	RMPTC9104QCJB	AC	N	В	Block resistor (100KΩ×9 1/8W ±5%)				
12	VCCCPU1HH330J	AB		С	Capacitor (50WV 33pF)				
	VCKYPU1HB102K	AA		С	Capacitor (50WV 1000pF)				
	VCSAVU1CE106M	AC		С	Capacitor (16WV 10µF)				
15		ΑX		В	IC (HD4042FB31)				
	VRD-RB2EY9R1J	AA		Ċ	Resistor (1/4W 9.1Ω ±5%)				

	7	Display PWB uni	t			
1	NO.	PARTS CODE	PRICE		PART	
	17		AA	MAKK	C	Resistor (1/4W 1.0MΩ ±5%)
j.		V R D - R C 2 E Y 9 R 1 J V V K F G 1 1 1 3 R E 1 1	BA	N N	C B	Resistor (1/4W 9.1Ω ±5%) Display tube
j	-2	(Unit)			:	
	901	CPWBF7042RC02	BR	N	E	Display PWB unit
1						
Ċ				 	 	
1	8	RAM PWB unit	-			
	NO.	PARTS CODE	PRICE		PART	DESCRIPTION
-	1	QCNCM5080BC0C	AC		В	Connector (3pin)
1	3	Q C N C M 6 8 0 2 R C 0 B Q C N C - 6 9 0 5 R C 1 F	AC	N	B	Connector (2pin) Connector (16pin)
4	4	Q S O C Z 6 4 2 8 A C Z Z	AE		C	IC socket (28pin)
		VCTYPUINXI04M VHiHM6264AL15	AB		C B	Capacitor (12WV 0.10 _µ F)
- 1	7	VH I HM 6 2 6 4 L P 1 5	BN		В	IC (HM62644L15) IC (HM6264LP15) (Execut U.S.A. CAMADA)
		V R D - R C 2 E Y 2 2 1 J V R D - R C 2 E Y 5 6 3 J	AA		C	Resistor (1/4W 2200 ±5%)
-1		(Unit)	AA	 	С	Resistor (1/4W 56KΩ ±5%)
	901	CPWBF7044RC02	BL	N	Ε,	RAM PWB unit (U.S.A.,CANADA)
		CPWBF7044RC01	BL	N	Ε	RAM PWB unit (0.5.A.,CANADA) (Other countries)
		2.13			7	
						
ij	9	Noise filter PWB	unit/	Eveen	+ 110	2 A CANADA)
j	NO.	PARTS CODE	PRICE	NEM	PART	
	110.	LBNDJ0004UCZZ	RANK		RANK	DESCRIPTION
Δ	2	QCNCW6720RC05	AG.		C	Cable band (TE10K) Connector with wires (4pin)(Mode → Noise filter)
A	<u>3</u>		ΑE		Ċ	Connector
4		QFS-C4081CCZZ QFSHA1002CCZZ	AF		A C	Fuse (630mA 250V) Holder,fuse (MINI TYPE)
Ý	6	QTANN6629RCZZ	AF		Č	Block terminal
Δ		RCiLC6575RCZZ RCiLC6638RCZZ	A M		C	Coil (for line filter)
Λ	9	RTRNP6735RCZZ	ΑY		В	Power transformer
Δ.	10	V C E 9 H E 2 E P I 0 4 K V R D – R B 2 H Y 3 9 4 J	AK	N	C	Capacitor (250WV 0.1µF)
"		(Unit)	_ ^ ^	- 11	. ·	Resistor (1/2W 390KΩ ±5%)
1	901	CPWBF7046RC05 CPWBF7046RC04	BM	N		Noise filter PWB unit (KA)
		CPWBF7046RC04	B M B L	N N	E E	Noise filter PWB unit (KB)
: [TOUTR,TS)
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	[0] (Customer display				
- [NO.	PARTS CODE	PRICE RANK	NEW MARK	PART RANK	DESCRIPTION
: [LBNDJ0004UCZZ	ΑA		С	Cable band (TE10K)
-		QCNW-7015RCZZ QCNW-7016RCZZ	A K A H	N N	C	Pop – up cable 1
Ĺ	4	VVKFG713RB1-1	ВА	N N		Pop - up cable 2 Display tube
-	5	Q'PWBF7043RCZZ (Unit)	ΑD	N		Customer display PWB (Board only)
Ė	901	CPWBF7043RC01	ВН	Ŋ	E	Customer display PWB unit
, -		4.17 (_	, 1 ;	-	36A 37A 47A 1
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i li	1 /	Articles of consum				
_;]	NO.	PARTS CODE	PRICE RANK		PART RANK	DESCRIPTION
¹	1	DPAPR1006CSZZ	AR		S I	Roll paper (5rolls/pack)
		P R B N - 2 3 2 0 R C Z Z U I N K - I 0 0 1 C C Z Z	A X	N	<u> </u>	Ribbon cassette
Ė						пк (осс)
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12 Service options

12 Service options										
NO.	PARTS CODE	PRICE RANK	NEW	PART RANK	DESCRIPTION					
	DK: T 0006D077	KANK	MARK N	E	Journal near and sensor kit					
1 1	DK 1 - 8 2 2 6 K C Z Z	620	N	E	Varidation sensor kit Kelln + 15 delot 5					
3	DK i T - 8 3 3 1 R C Z Z		N	Ē	Drawer option sensor kit					
4	DK T - 8 3 2 2 R C Z Z	Ĭ	N		Varidation sensor kit Kellu≠Isdalos 5 Drawer option sensor kit Water proof cover kit					
5	GCOVB6872RCZZ		N	E	Water proof switch cover (for standard cashier key)					
6	DK T - 8 2 2 7 R C Z Z DK T - 8 2 2 7 R C Z Z DK T - 8 3 3 1 R C Z Z DK T - 8 3 2 2 R C Z Z GCOVB 6 8 7 2 R C Z Z LKG M 7 1 2 6 R C Z Z GCOVB 6 8 7 3 R C Z Z		N	В	Water proof cover (for standard cashier key) Water proof operation key(OP) (for mode switch) Water proof switch cover (for barrel cashier key)					
7	GCOVB6873RCZZ	ļ <u></u>	N	D	water proof switch cover (for darrer cashier key)					
		 		 						
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13 AC CORD

NO.	PARTS CODE	PRICE	NEW MARK	PART RANK	DESCRIPTION
1	Q A C C J 1 4 1 3 Q C Z Z	AG		В	AC cord Japan, RA7, RA8, RA9, RB6, RB7, SA, SC, SD, SJ
2	QACCD8411QCZZ	AN		В	AC cord U. S. A, Canada, Japan (Okinawa)
3	QACCE1422QCZZ	A M		В	AC cord RA1, RA2, RA4, RB1, RB3, RB5, RB9, SB, SG, TQ, TR, TS AC cord Yugoslavia
4	QPLGA4501CCZZ	AK	- 3.1 Jan	В	Plug SE
	QCNW-6629RCZZ	A N		В	AC cord SE
- 5	QPLGA0018WRE0	A N	and all a	В	Plug SH, RA5
5	QCNW-6629RCZZ	AN		В	AC cord SH, RA5
	PHOG-1023CCZZ	AB	'	В	Bushing for AC cord SH, RA5
- 6	QACCL7421QCZZ	AS		В.	AC cord KA, St.
7	QPLGA6626CCZZ	AN		В	Plug KB, RB2, RB8, SM, SMT
.,	QCNW-6629RCZZ	AN		В	AC cord KB, RB2, RB8, SM, SMT
	Q A C C Z 6 4 2 1 Q C Z Z	ΑU		В	AC cord RA3
9	QCNW-6629RCZZ	AN		В	AC cord RB4 (AC cord only. The plug is not included.)
lote:	Instead of AC cords QACCZ34	21QCZZ/0	QACCK	1008CCZ	Z, the AC cord QACCE1422QCZZ(No.3) is supllied as service spare part.

QACCL1413QCZZ

QACCD8411QCZZ

QACCD841QCZZ

The plug is not included.)

9

Table of destinations

SELECTION	
CODE	COUNTRIES
KA	Australia
KB	U. Kingdom
SA	Korea
SB	Saudi Arabia
SBL	Saudi Arabia (Drawer TYPE:Large)
SBS	Saudi Arabia (Drawer TYPE:Small)
SC	Formosa
\$D∙	R. of Colombia, Costa Rica, Dominican Republic, R. of Guatemala, Honduras, Venezuela, Nicaragua, El Salvador, Mexico, Cuba
SE	HOUR KOIR
* SG	Kuwait, Lebanon, Bahrain, Thailand, Indonesia (Drawer coin case 4B/3C), Tahiti, Pakistan, Iran, Syria, Turkey, Jordan, Iraq, U.A.R., Sultanate of Oman, Sudan
SH	South Africa
SJ	Philippines
SL	New Zealand
SM	Kenya, Malta, UAE
SMT	Nigeria
ΤQ	SEEG territory other than Germany (Austria, Belgium, Bulgaria, Czechoslovakia, Denmark, France, Finland, Hungary, Iceland, Italy, Norway, France, Switzerland, Portugal, Netherlands, Poland, Romania, Sweden)
TR	Spain
TS	Germany
RA1	Tunisia, West Africa, Ivory coast, Algeria, Cameroon, Chad, Dahomey, Gabon, Congo, Togo, Senegal, Niger, Burkina Faso
RA2	Argentine Republic, R. of Paraguay
RA3	Greece
RA4	R. of Chile, R. of Uruguay
RA5	Sri Lanka
RA6	Egypt
RA7	Curacao, Guam, Netherlands Antilles
RA8	Liberia
RA9 RB1	R. of Peru
RB2	F. R. of Brazil
* RB3	Barbados (220V) REFFER TO RB7
RB4	Indonesia (Drawer coin case 6B/5C)
RB5	Cyprus
RB6	R. of Panama
RB7	Barbados (120V) REFER TO RB2
RB8	Malaysia, Singapore
RB9	Malaysia, Singapore
1100	with the second

Parts marked with " Δ " is important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set. -13—

■ Index

PARTS CODE NO. PARCE NEW PART RANK	Index					
CPWBF7041RC02	PARTS CODE	NO.	PRICE	NEW	PART	
CPWBF7041RC03		,,,,,,	RANK	MARK	KANK	
## 6-901 C.G. N E CPWBF7 0.4 1 R.C 0.3 1- 22 C.G. N E CPWBF7 0.4 2 R.C 0.2 1- 43 B.R. N E CPWBF7 0.4 3 R.C 0.1 1- 47 B.H. N E ## 10-901 B.H. N E CPWBF7 0.4 4 R.C 0.1 1- 12 B.L. N E ## 8-901 B.L. N E CPWBF7 0.4 4 R.C 0.2 1- 12 B.L. N E ## 8-901 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 12 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E ## 9-901 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E ## 9-901 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E ## 9-901 B.L. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E ## 9-901 B.M. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E ## 9-901 B.M. N E CPWBF7 0.4 6 R.C 0.2 1- 8 B.L. N E ## 9-901 B.M. N E ## 10						
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## 6-901 C.G. N. E.	//	6~ 901	CG	N	E	
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GITAU6721RCZZ 1- 26 AM N D GITAU6723RCZZ 1- 67 AQ N D [H] HBDGD6817RCZZ 1- 40 AC N D HDECE6743RCZZ 1- 51 AH N D HDECE6743RCZZ 1- 50 AD N D HDECE6744RCZZ 1- 50 AD N D HDECE6755RCZZ 1- 6 AH N D HPNLC674RCZZ 1- 5 AG N D HPNLC674RCZZ 1- 5 AG N D HPNLC674RCZZ 1- 16 AG N C [K] KI-OB6706RCZZ 1- 32 CA N E [L] LANGK722RCZZ 1- 17 AG N C LANGK7228RCZZ 1- 17 AG N C LANGK7229RCZZ 2- 7 AG N C LANGK7248RCZZ 2- 20 AC N C LANGK7248RCZZ 2- 19 AG N C LANGK7246RCZZ 2- 19 AG N C LANGK7246RCZZ 1- 101 AA C M 6- 1 AA C M 7- 1 AA C M 9- 1 AA C M 9- 1 AA C LENDJ2003SCZZ 1- 102 AA C LHLDW4081CCZZ 1- 4 AB C LKGIM67110RCZZ 2- 4 AG N B LKGIM7110RCZZ 2- 4 AG N B LKGIM7111RCZZ 2- 4 AG N B LKGIM7113RCZZ 3- 107 AK N B LKGIM7113RCZZ 2- 4 AG N B LKGIM7113RCZZ 2- 4 AG N B LKGIM7113RCZZ 2- 4 AE N B		1- 27	AB	N	D	
GITAU6723RCZZ 1- 67 AQ N D [H] HBDGD6817RCZZ 1- 40 AC N D HDECE6743RCZZ 1- 51 AH N D HDECE6744RCZZ 1- 50 AD N D HDECE6747RCZZ 1- 6 AH N D HPNLC6746RCZZ 1- 5 AG N D HPNLC6747RCZZ 1- 16 AG N C [K] KI-OB6706RCZZ 1- 16 AG N C [K] KI-OB6706RCZZ 1- 32 CA N E [L] LANGK7227RCZZ 1- 17 AG N C LANGK7228RCZZ 1- 17 AG N C LANGK7228RCZZ 1- 17 AG N C LANGK7248RCZZ 2- 7 AG N C LANGK7248RCZZ 2- 20 AC N C LANGK7248RCZZ 2- 20 AC N C LANGK7248RCZZ 2- 20 AC N C LANGK7248RCZZ 1- 101 AA C "" 6- 1 AA C "" 7- 1 AA C "" 10- 1 AA C "" 10- 1 AA C LBNDJ2003SCZZ 1- 102 AA C LHLDW4081CCZZ 1- 70 AC C LHLDW4081CCZZ 1- 61 AD B LKGIM7110RCZZ 2- 4 AG N B LKGIM7111RCZZ 2- 4 AG N B LKGIM7113RCZZ 3- 107 AK N B LKGIM7113RCZZ 3- 107 AK N B LKGIM7113RCZZ 2- 4 AG N B LKGIM7113RCZZ 2- 4 AG N B LKGIM7113RCZZ 2- 4 AG N B LKGIM7113RCZZ 2- 4 AG N B LKGIM7113RCZZ 2- 4 AE N B				-	D	
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HPNLC6746RCZZ 1- 5 AG N D HPNLC6747RCZZ 1- 16 AG N C [K] Ki-ŌB6706RCZZ 1- 32 CA N E [L] LANGK7227RCZZ 1- 42 AC N C LANGK7228RCZZ 1- 17 AG N C LANGK7229RCZZ 2- 7 AG N C LANGK7229RCZZ 2- 7 AG N C LANGK7248RCZZ 2- 19 AG N C LANGK7248RCZZ 2- 19 AG N C LANGK7246RCZZ 2- 19 AG N C LBNDJ0004UCZZ 1- 101 AA C " 7- 1 AA C " 9- 1 AA C " 9- 1 AA C " 9- 1 AA C " 9- 1 AA C " 10- 1 AA C LBNDJ2003SCZZ 1- 102 AA C LHLDW4081CCZZ 1- 70 AC C LHLDW4081CCZZ 1- 61 AD B " 3- 7 AD B LKGiM7110RCZZ 2- 4 AG N B LKGiM7111RCZZ 2- 4 AG N B LKGiM7111RCZZ 2- 4 AG N B LKGiM7113RCZZ 1- 6 N B LKGiM7113RCZZ 1- 6 N B LKGiM7113RCZZ 1- 6 N B LKGiM7113RCZZ 1- 6 N B LKGiM71126RCZZ 12- 6 N B LKGiM71126RCZZ 12- 6 N B LKGiM71126RCZZ 12- 6 N B				-		
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LANGK 7 2 2 8 R C Z		1- 12	Δ.	N	C	
LANGK 7 2 2 9 RCZ Z 2- 7 AG N C LANGK 7 2 4 8 RCZ Z 2- 20 AC N C LANGT 7 2 4 6 RCZ Z 2- 19 AG N C LBND J 0 0 0 4 UCZ Z 1- 101 AA C " 6- 1 AA C " 7- 1 AA C " 9- 1 AA C " 9- 1 AA C " 10- 1 AA C LBND J 2 0 0 3 SCZ Z 1- 102 AA C LBND J 2 0 0 3 SCZ Z 1- 102 AA C LHLDW 4 0 81 CCZ Z 1- 70 AC C LHLDW 5 0 3 4 BCZ Z 1- 4 AB C LKG i M 5 7 8 4 RCZ Z 1- 61 AD B " 3- 7 AD B LKG i M 7 1 1 0 RCZ Z 2- 4 AG N B LKG i M 7 1 1 1 RCZ Z 2- 4 AG N B LKG i M 7 1 1 1 RCZ Z 2- 4 AG N B LKG i M 7 1 1 3 RCZ Z 3- 107 AK N B LKG i M 7 1 1 3 RCZ Z 12- 6 N B LKG i M 7 1 2 6 RCZ Z 12- 6 N B LKG i M 7 1 2 6 RCZ Z 12- 6 N B LKG i M 7 1 2 9 RCZ Z 2- 4 AE N B						
LANGK 7 2 48 RC Z Z 2- 20 A C N C LANGT 7 2 4 6 RC Z Z 2- 19 A G N C LBND J 0 0 0 4 UC Z Z 1- 101 A A C " 6- 1 A A C " 7- 1 A A C " 9- 1 A A C " 10- 1 A A C LBND J 2 0 0 3 SC Z Z 1- 102 A A C LBND J 2 0 0 3 SC Z Z 1- 102 A A C LHLDW 4 0 8 1 CC Z Z 1- 70 A C C LHLDW 5 0 3 4 BC Z Z 1- 4 A B C LKG i M 7 1 1 0 RC Z Z 2- 4 A G N B LKG i M 7 1 1 1 RC Z Z 2- 4 A G N B LKG i M 7 1 1 3 RC Z Z 3- 107 A K N B LKG i M 7 1 1 3 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B	LANGK / ZZ8KCZZ					
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LKG i M 6 7 8 4 R C Z Z				 -		-
## 3- 7 A D B LKG i M 7 1 1 0 R C Z Z 2- 4 A G N B ## 3- 1 A G N B LKG i M 7 1 1 1 R C Z Z 2- 4 A G N B LKG i M 7 1 1 3 R C Z Z 3- 107 A K N B LKG i M 7 1 2 6 R C Z Z 12- 6 N B LKG i M 7 1 2 9 R C Z Z 2- 4 A E N B				<u> </u>		
LKG i M 7 1 1 0 R C Z Z 2- 4 A G N B " 3- 1 A G N B LKG i M 7 1 1 1 R C Z Z 2- 4 A G N B LKG i M 7 1 1 1 R C Z Z 2- 4 A G N B " 3- 1 A G N B LKG i M 7 1 1 3 R C Z Z 3- 107 A K N B LKG i M 7 1 2 6 R C Z Z 12- 6 N B LKG i M 7 1 2 9 R C Z Z 2- 4 A E N B						
## 3- 1 AG N B LKG i M 7 1 1 1 RC Z Z 2- 4 AG N B ## 3- 1 AG N B LKG i M 7 1 1 3 RC Z Z 3- 107 AK N B LKG i M 7 1 2 6 RC Z Z 12- 6 N B LKG i M 7 1 2 9 RC Z Z 2- 4 AE N B			+			
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LKG:M7111RCZZ 2- 4 AG N B " 3- 1 AG N B LKG:M7113RCZZ 3- 107 AK N B LKG:M7126RCZZ 12- 6 N B LKG:M7129RCZZ 2- 4 AE N B		3- 1	A G	N	B]
## 3- 1 AG N B LKG:M7113RCZZ 3-107 AK N B LKG:M7126RCZZ 12- 6 N B LKG:M7129RCZZ 2- 4 AE N B			-	N	В	
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PARTS CODE	NO		PRICE RANK	NEW MARK	PART RANK	
LKG IW7108RCZZ	1-	60	AK	N	В	
LKG i W7130RCZZ		21	ΑK	N .	В	
LKGiW7132RCZZ	2-	12	AK	N	В	
LX-BZ1007CCZZ	1-	31	AB		С	
[M]			* 0		_	
MSPRK6660RCZZ	1-	59	A C		С	
PCUS-4101CCZZ	1-	30	ΑB		c	
PCUSS6720RCZZ		65	AK	N	Č	
PCUSS6721RCZZ	1-	66	ΑK	N	С	
PCUSS6722RCZZ		22	AK	N	C	
PCUSS6723RCZZ		64	AK	N N	C	
PCUSS6724RCZZ PCUT-1027CCZZ		63 38	AK	IN _	C	·
PFILW6714RCZZ		37	AD		Ď	
PFILW6797RCZZ	1-	48	A M	N	D	
PFILW6798RCZZ	1-	3	AM	N	D	
PFILW6812RCZZ	1-	3	A K	N	D	
PFILW6813RCZZ		48 34	AH	N N	D S	
PRBN-2320RCZZ	11-	2	AX	N	S	
PRDAF6639RCZZ	6-	2	ĀF	N	Č	
PSHEZ6687RCZZ	2-	1	AW	N	С	
PSHEZ6688RCZZ	2-	3	A Q	N_	C	
PSHEZ6697RCZZ	2-	2	AH	N N	<u>c</u>	
PSHEZ6698RCZZ PSHEZ6700RCZZ	3-	10 9	A C	N	C	
PSHEZ6710RCZZ	2-	2	ĀK	N	Č	
PSHEZ6711RCZZ		10	A D	N	C	
PSPAY6674RCZZ	7-	2	A C	N	Ċ	
PSTM-6658RC01		33	AR	N_	C	
PSTM-6660RC01		33	A R	N	C	
PSTM-6662RC01	1-	33	AR	N	C	
QCNC-6905RC1F	6-	13	ΑH	N	С	
//	8-	3	AH	N	Ċ	
QCNCM1101CCZZ	6-	3	AB		В	
QCNCM5080BC0C	6-	4	A C		В	
ACMONG BOARCOR	8-	1	A C		<u>В</u> В	
QCNCM6802RC0B QCNCM6821RC0C	8- 6-	5	AC		В	
QCNCM6862RC0B	6-	6	AB		B	
QCNCM6865RCDE	6	7	AB		С	
QCNCM6865RC1A	6-	8	AD		Ç	
QCNCM6865RC1J	6-	9	A C		C	
QCNCM6879RC0i	7- 7-	4	A B A C	N N	C	
QCNCM6879RC1A QCNCM6879RC1C	6-	10	AC	N	C	
QCNCW6720RC05	1-	9	AG	-''-	Č	
//	9-	2	AG		C	
QCNCW6730RC05		11	A F		В	
QCNCW6887RC0B		12	AB	 	B	
QCNCW6915RC01	9-	10 3	A E	 	C	
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QCNW-7013RC01		21	AM	N	С	
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QCNW-7014RCZZ		23	AH	N N	_ C	
0CNW-7015RCZZ		16 44	AH	N N	C	
QCNW-7015RCZZ	10-	2	AK	N -	C	
QCNW-7016RCZZ		45	AH	N	С	
"	10-	3	ΑH	N	C	
QCNW-7017RCZZ		41_	AN	N N	Č.	
0CNW-7018RCZZ	7-	5 13	AN	N N	C	
QCNW-7018RCZZ		56	AD	N	C	
QCNW-7031RCZZ		53	A D	N	C	
QCNW-7035RCZZ	1-	68	A D	N	С	
		79	A D	N	C_	
QCNW-7036RCZZ		54	ΑD	N.	C	
QCNW-7037RCZZ		55 60	AA	N N	C	
QCNW-7039RCZZ QCNW-7045RCZZ		69 17	AB	N N	C	
QCNW-7045RCZZ		18	AE	N	C	
QCNW-7048RCZZ		49	A D	N	С	
"	_	58	A D	N	C	
//		57	A D	N_	C	
QCNW-7049RCZZ	1	29	AD	. N	С	

PARTS CODE	NO.	PRICE	NEW	PART	
QCNW-7050RCZZ		RANK	MARK	RANK	12 304 V9 L
#	1- 19 2- 8	A D	N.	C	
QCNW-7052RCZZ	1- 11	A D	N	- C	
	7- 6	A D	-N-	Č.	
QCNW-7071RCZZ	1- 81	A E	N.	·······································	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
00000-707077	6- 19	AE	N_	- C	P <u>ropertion</u>
QCNW-7072RCZZ	2= 24	ΑĒ	N	C	
QFS=A0-301QCZZ	7- 7 6- 20	A E A C	N:	C	i i i i i i i i i i i i i i i i i i i
QFS-A3089KCZZ	6- 22	A C		A	
QFS-B0301QCZZ	6- 21	AE		A	
QFS-C2521TAZZ	6- 23	ΑE	- 33-	Α	
QFS-C4081CCZZ	6- 24	AF		Α	
//- OESUA+0020077	9= 4	AF		Α.	
QFSHA1002CCZZ	6= 25 9- 5	A B		C	2.67
QP LN=6627RCZZ	6- 26	AA		- C	
QPWBF7043RCZZ	10- 5	A D	N	Č	
QSOCZ6428ACZZ	6- 27	ΑE		C	
-//-	8- 4	ΑE		С	
QSW-Z6773RCZZ	2- 13	AN	N	В	
QSW-Z6774RCZZ QTANN6629RCZZ	2- 11-	A U	N	В	
VIANNOUZ SKUZZ	9- 6	AF	-	C	
QTANP0004HCZZ	1- 71	A B		Č	
····	1- 80	AB	<u> </u>	Č	1 1 1 1 1 1 1
QTANP1094CCZZ	1- 57	A A		C	ine in the
[R]	6 00	· · · · · ·			
RALMB2316RCZZ RC-CZ1084CCZZ	6- 28 -7- 8	A L		B C	
RC-EZ688MRC1J	6- 29	A B	N	C	1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
RC i LC 5 0 0 3 NC ZZ	6- 30	AG	- 1	C	
RCiLC6575RCZZ	9- 7	AN		Č	
RCiLC6633RCZZ	6- 31	AL	ī	С	
RCiLC6638RCZZ	9- 8	A M	13	C	
RCORF6627RCZZ	1- 78	A K	1.1	<u> </u>	
RCORF6629RCZZ RCRSP0006MCZZ	_ 1- 75 7- 9	A Q A D		<u>С</u> В	<u> </u>
RCRSP1003CCZZ	6- 32	AT		В	
RCRSP6635RCZZ	6- 33	AD	N	B	
RFiLN6001RCZZ	1- 52	ΑТ	N	B	
RMPTCB104QCJB	7- 10	AD	N	8	
RMPTC4103QCKB	6- 34	A C		<u>B</u>	
RMPTC6103QCKB RMPTC7103QCKB	6- 35 6- 36	A C		B B	
RMPTC8103QCKB	6- 37	ΑĎ		В	
RMPTC9104QCJB	7- 11	AC	N	В	
RTRNH6760RCZZ	6- 38	A M	N.	В.	
RTRNP6735RCZZ	9- 9	ΑY		B.	and the second
RTRNP6763RCZZ	1- 58	ΑΥ	N	В	
[S] SPAKA7578RCZZ	3- 13	A D	NI NI		- 10 mg
SPAKA7579RCZZ	3- 13 3- 15	AP.	N	D D	
SPAKC7556RCZZ	3- 17	AR	N	- D	
SSAKA0001SCZZ	3- 3	A A			
SSAKA2012KCZZ	3- 14	A F		D	
SSAKA5004CCZZ	3- 12	AA		D	
SSAKH3015CCZZ	3- 11	A A		D	· · · · · · · · · · · · · · · · · · ·
TCADH6653RCZZ	3- 102	A B		D	
TCADH6654RCZZ	3- 102	A B		<u> </u>	
TCAUS1003RCZZ	3- 103	AC		D	
TCAUS1053CCZZ	3- 104	A C	11.	D	
	3- 105	AB	- N	D	
Tinse7006RCZZ Tinse7024RCZZ	3- 6 3- 6	AX.	N N	D	
# # # # # # # # # # # # # # # # # # #	3- 6	A X	N N	- D	
TINSF7025RCZZ	3- 6	AX	N	D	
TiNSG7026RCZZ	3- 6	AX.	N	D	
TINSK7032RCZZ		ВВ	N	D	
TINSS7027RCZZ	3- 6	AX	N	D	
TLAB-4681CCZZ	3- 106	A A	•	. с	
UBATN2318RCZZ	6- 39	AR -	+ +	В	1
UBNDA1008CCZZ	3- 101	AA		C	
		AK	. 1	s	
	3-4				
UINK-1001CCZZ	11- 3	A K		S	
UINK-1001CCZZ " [V]	11- 3	ΑK			
UINK-1001CCZZ	11- 3			S C C	

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PARTS CODE	NO.	PRICE RANK	NEW MARK	PART	a state
VCCCPU1HH330J	6- 42	AB	MAKK	RANK	7.3
W	7- 12	AB		C	
VCEAGUICWI06M	6- 43	AA	. 3	С	3
VCEAGUICW108M VCEAGUIHW105M	6- 44	AD	· 1 · 1	C G	12.2.2.2.3.2.3.2.3.2.3.2.3.2.3.2.3.2.3.2
VCEAGU1HW107M	6- 46	AC	- <u> </u>	C	
VCEAGU1HW225M	6- 47	AA		Ċ	
VCEAGUIHW476M	6- 48	AΒ		C	
VCEAGUIVW228M	6- 49 6- 50	AG	N	C	
VCEAGU2AW226M	6- 51	AB		c	
VCEAGU2AW336M	6- 52	AC	N .	C	14, 1948
VCE9HEZEP104K VCKYPU1HB101K	9- 10 6- 53	AK		C	
VCKYPU1HB102K	6- 54	AA		C	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
//	7- 13	AA	77.1	C ~=	(X), () () () () ()
VCKYPU1HB152K	6=— <u>55</u> -	_A-A-		님	
VCKYPU1HB561K VCQYKU1HM103K	6- 56 6- 57	A A A B		C	<u>森工 1 19 19 19 19 19 19 19 19 19 19 19 19 1</u>
VCQYKU1HM473K	6- 58	AB	.43 +	Ċ	
VCQYKU1HM683K	6- 59	_A B		C 🗦	970
VCQYKU2AM103K	6- 60	AC	N.	C -	
VCSAVA1CE685K VCSAVU1CE106M	6- 61 7- 14	A D A C	. N	C.	1 T C 1 1 A A A A
VCTYPU1NX104M	6- 62	AB		е	
<i>II</i>	8- 5	AB		* C *	
VHDDSS131HV-1 VHDGSA30B//-1	6- 63 6- 64	AA		<u>B</u>	LTT / Fig Tue or
VHDRBV401//-1	6- 65	AE		B	
VHDS1SM40V1A1	6- 66	ΑD	1 .	В	
VHD1SS82//-1	6- 67	ΑB		В	
VHERD33EB4/-1 VHERD4.3EL3-1	6- 68 6- 69	A B		. B	
VHERD6.2EB1-1	6- 70	A B		В	
VHERD6.8E//-1	6- 71	A B	7 5	В	
VH i HD 4 0 4 2 FB 3 1	.17 15	A X		. В	
VH i HD 6 1 J 2 1 4 F 1 VH i HD 6 3 A 0 3 /-1	6- 72 6- 73	AW BB		B	
VHIHM6264AL15	8- 6	AW		B	4 · / :
VHIHM6264LP15	8- 7	BN		В	
VH i L H 5 1 6 7 P - 5 5 VH i L Z 9 2 A 4 2 / - 1	6- 74 6- 75	AT	_N	В	
VHIM54567//-1	6- 76	AŅ	_ N	В	· · · · · · · · · · · · · · · · · · ·
VH:NJM2903N-1	6- 77	ΑH		В	
VHIPST518A/-1	6- 78	AG		В	
VH RP 5 C 1 5 / / - 1 VH SL A 4 0 6 1 / - 1	6- 79 6- 80	AV	N:	В	
VH STR 2 0 2 4 /- 1	6- 81	ВМ	N	8	· · · · · · · · · · · · · · · · · · ·
VHITC74HC00PN	6- 82	A G		В	-, -, -,
VH i TC 7 4 HC 1 3 9 P VH i TD 6 2 5 0 3 P - 1	6- 83	AK		В	
VHITD62503P-1	6- 84 6- 85	A G		B B	· <u> </u>
VHIT74LS14/-C	6- 86	AG	:	В	
VHIT74LS33/-C	6- 87	AF		В	
VH i 27256R131A VH i 27256R132A	6- 88 6- 88	B G	N N	ВВ	
VRD-RB2EY9R1J	7- 16	AA	-'7	C	· · · · · · · · · · · · · · · · · · ·
VRD-RB2HY394J	9- 11	ΑA	N	С	
VRD-RC2EY101J VRD-RC2EY102J	6- 89 6- 90	AA		C	
VRD-RC2EY103J	6- 91	AA		C	
VRD-RC2EY104J	6- 92	AA		С	
VRD-RC2EY105J	7- 17	A A	$ \top$	С	
VRD-RC2EY122J VRD-RC2EY153J	6- 93 6- 94	AA	-	C	·
VRD-RC2EY181J	6-: 95	AA	÷ ; ;	c	
VRD-RC2EY183J	6- 96	AA		С	
VRD-RC2EY220J VRD-RC2EY221J	6- 97	AA	-	C	
# # # # # # # # # # # # # # # # # # #	6- 99 8- 8	AA	∵ 	C	
VRD-RC2EY222j	6- 100	AA		Ċ.	
VRD-RC2EY223J	6- 98	AA		С	
VRD-RC2EY272J VRD-RC2EY273J	6~ 101 6~ 102	AA		<u>6</u>	
VRD-RC2EY331J	6- 103		- :	C C	
VRD-RC2EY332J	6- 104	AA		С	
VRD-RC2EY333J VRD-RC2EY334J	6- 105	AA	NI N	Ç	
VRD-RC2EY394J	6- 106 6- 107	A A	N .	C.	2 1 2 1 N N N N N N N N N N N N N N N N
VRD-RC2EY432J	6- 108	AA	-	Č	

DADTC CODE	NO	PRICE	NEW	PART	
PARTS CODE	NO.	RANK		RANK	
VRD-RC2EY470J VRD-RC2EY471J	6- 109 6- 110	AA		C	
VRD-RC2EY472G	6- 111	AA	N	C	
VRD-RC2EY472J	6- 112	AA		С	
VRD-RC2EY473J	6- 113 6- 114	AA		C	
VRD-RC2EY561J VRD-RC2EY562J	6- 115	AA		C	
VRD-RC2EY563J	6- I16	AA		Ç	
//	8- 9	A A		C	
VRD-RC2EY682J VRD-RC2EY822G	6- 117 6- 118	A A		C	
VRD-RC2EY9R1J	7- 18	AA	N	C	
VRD-RC2EY912G	6- 119	AA	N	С	
VRS-ST3ABR68J	6- 120	AA	N	_ <u>c</u>	
VRS-ST3AB911J VSJA101-//-1	6- 121 6- 122	A A A B		C B	
VSJC501-///-1	6- 123	AB		В	
VS2SA673-//-1	6- 124	A D		В	
VS2SB881-//-1 VS2SC3568-/-1	6- 125 6- 126	A H A K	-	B	<u> </u>
V\$25C3568-/-1 V\$2SD1191-/-1	6- 127	AH		В	
VS2SD667-//-1	6- 128	AD		В	
VVKFG1113RE11	7- 19	ВА	N	В	
VVKFG713RB1-1	10- 4	BA	N	В	
[X] XBBSC30P10000	1- 2	AA		C	
XBPBZ40P06K00	1- 72	AA		С	
XBPSD20P04000	2- 9	AA		C	
XBPSD30P06KS0	1- 18 2- 6	AA		C	
XBPSD30P05K00	2- 5	AA		C	
XBPSD30P08KS0	1- 76	AA		С	
XBPSD30P08K00	6- 129	AA		C	
XBPSD30P10KS0 XBPSD30P12KS0	6- 130 6- 131	AB		<u>C</u>	
XBPSD40P06K00	1- 7	AA		C	
XBPSD40P08KS0	1- 73	AA		C	
XNESD30-24000	1- 15	AA		C	
// XUBSD30P06000	6- 132 1- 28	AA		C	
XUBSD30P08000	1- 14	AA		C	
//	2- 17	AA		C	
XUPSD20P04000 XUPSD30P06000	1- <u>35</u> 2- 10	AA		C	
XUPSD30P14000	1- 74	AA		C	
XUSSD30P06000	2- 23	AA		C	
XUSSD30P08000	2- 26 1- 36	AA	N	CC	
XWHSD20-04060 XWSPN30-07000	2- 25	AA	<u> </u>	Ç	
[0]					
0 A G C C P 6 1 4 4 8 \$ 1	4- 51	ВВ		E	
0 AGCCP 6 1 5 6 5 0 0 0 AGDC 6 0 A - 0 1 0 S	5- 501 5- 40	B D A P	-	C B	
0 A G G C M 1 4 4 S 4 6 0	5- 5	BF	N	D	· -
0 A G G C M 1 4 8 S 4 6 D	4- 14	BF	N	D	
OAGGCP613MKSS	5- 42	AY	ļ		<u> </u>
0 AGGCP 6 1 4 MKSS	4- 44 5- 44	AY	-	D	
OAGGCP615MKSS	5- 48	ΑX		С	
0 A G G D W 4 4 4 S 4 5 0	5- 38	ΑZ	N	D	
0 A G G D W 4 4 5 S 4 5 0	4- 43 4- 42	AZ	N N	C	
DAGG U1 4 3 5 4 5 0	5- 37	AS	N	C	
0 A G G L G 8 0 0 K 2 3 0	4- 33	AB		С	
//	5- 30	A B		C	
OAGGLG801MKSS	4- 40 5- 35	A B		C	
0 A G G L G 8 0 2 2 0 1 7	4- 33	AB		Č	
"	5- 30	ΑВ		С	
O A G G S P 6 O O M K S S	4- 45	A F		C	
0 A G K S A 1 6 8 1 0 1 S	5- <u>47</u> 4- 10	A F		C B	
DAGLEC 6 0 1MKSS	4- 10	AL		C	
//	5- 46	A L		С	
		ΑH	1	С	_
O A G L B C 6 D 9 M K S S	5- 49			^	1
OAGLBC610MKSS	5- 50	A M		C	
				C	
DAGLBC 6 1 0 MKSS DAGLBC 6 1 2 MKSS	5- 50 5- 54	A M A D		С	

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PARTS CODE	NO.	RANK	MARK	RANK	
0 AGLCS 201MKSS 0 AGLDW 200MKSS	5- 17 4- 54	AH		C	
//	5- 3	AD		Č	
DAGLKMDC60A01	3~ 2	ΑH		В	
//	5- 41	AH		В	
OAGLKMKSA1680	3- 2 4- 9	AF		B	
OAGLSG200MKSS	4- 15	AB		c	
- //	5- 7	ΑB		С	
0AGLXZ800M4SP	4- 27 5- 29	AA		C	
OAGLXZ801M6SP	4- 38	AA		Č	
//	5- 33	AA		C	
DAGMAM202MKSS	4- 2	A D		C	
DAGMKS212MKSS	4- <u>22</u> 5- 14	AK	, -	C	
DAGMKS243MKSS	4- 22	AM		Č	
//	5- 14	AM		C	
DAGMLF201MKSS_	4- 57 5- 20	A B		C	
0 A GML F 2 O 6 MK S S	4- 17	AB		C	
"	5- 12	ΑB		С	
O A GML F 2 2 O MKSS	5- 12	ΑB		C	
0 AGML V 6 0 0 MKSS	4- 47 5- 24	A D		C	
OAGMLV602MKSS	5- 51	AD	 -	C	
0 AGML V 6 0 6 MKSS	5- 53	ΑK		С	
OAGMLV607MKSS	5- 52	AK		C	
0 AGMSK 8 0 DMKSS 0 AGMSK 8 0 1 MKSS	4- 11 5- 39	A C A E		C]
O A GMST 2 D O MKSS	4- 3	AB		C	
0 AGMST 6 0 0 MKSB	4- 48	AB		C	
0 AGMST 6 0 4 MKSB	5- 23 5- 55	A B A B		C	
O A GMST 8 O DMKSB	4- 7	AB		C	
//	5~ 16	AB		С	
0 AGMST 8 0 DMKSS	4- 24	AB		C	
0 A G M S T 8 D 5 4 6 D A	4- 34 5- 31	AD		C	
0 AGMST 8 D 9 MKSB	4- 56	AB		C	
//	5 19	AB		С	
0AGNRP22B1L00	4- 13 5- 6	A E	-	_ <u>c</u>	
0 AGPSP2 0 DMKSS	4- 30	AB		C	
"	5- 10	ΑB		C	
OAGPSR600MKSS	4- 46	A E		<u> </u>	
# DAGPSR601MKSS	5- 45 5- 25	A E		C C	
DAGQCW208MKSS	4- 20	ΑB	•	Č	
//	5- 43	A B		C	
DAGQCW218MKSS	1~ 20 5- 4	A L		B	
DAGQCW221MKSS	1- 20	AL	N	В	
"	4- 4	ΑL	N	В	
UVCUEMS UUMK 66	5- 4 4- 21	AL	N	В	
DAGQSW200MKSS	5- 9	AL		B B	
O A GRAL 201MKSS	4- 31	A D		С	
//	5- 27	AD.		C	
DAGRLU205MKSS //	4- <u>18</u> 5- 13	A Q A Q		B	
O A G R L U 2 1 O M K S S	5- 13	ΑQ		В	
0 A GW R 2 O O MKSS	4- 5	ΑK		C	
0 AGXBD20038C1	4- <u>53</u> 5- 1	A A		C	
0 A G X B D 2 0 0 4 1 5 P	4- 41	AA		C	
//	5- 36	A A		С	
0 A G X B D 2 0 1 3 0 6 X	4- 23 5- 15	AA		C	
0 A G X B D 2 0 2 3 1 4 X	5- 15 4- 19	A A A A		<u>၂</u>	
"	5- 8	AA		С	
0 A G X B D 8 0 1 4 0 8 W	4- 32	AA		C	
// 0 A G X B D 8 0 3 3 1 5 \$	5- <u>26</u> 4- 35	A A A A		C	· · · · · · · · · · · · · · · ·
//	5- 32	AA		č	
0 A G X B D 8 0 4 3 0 6 B	4- 50	A A		С	
// 0 A G X B D 8 0 5 3 0 4 N	5- 21 5- 56	A A A A		C	
0 A G X B D 8 0 6 4 0 6 N	4- 55	AA		C	
//	5- 18	ΑA		č	

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Į	PARTS CODE	NO.	PRICE RANK		PART	
- [0 A G X R D 8 0 1 4 0 6 0	4- 1	AA	- :	C	
[5- 11	AA	V 7	Ċ	1
1	0 A G X R D 8 0 2 3 0 6 0	4- 5	AA		С	1
ľ	0 A G X W D 8 0 0 3 0 5 0	4- 52	AA		С	
ŀ	0.1.111. 0.07.1.0	5- 2	A A		С	
ŀ	0 A L W - P 0 7 1 8 - 0 1 0 A L W - P 9 0 0 2 - 0 1	2- 104	AG	-	. C.	
ŀ	0 A L W - P 9 0 0 2 - 0 1	2- 101 2- 102	AC		B	<u> </u>
_	0 A LW-P 9 0 1 2-0 1	2-103	A F		_ C	<u> </u>
ŀ	0 A L Z D 2 C O 6 - 6 7 O	2- 14	AA		Č	
t	0 A L Z T 0 3 0 0 1 5 8 8	2- 105	A A	· -	В	
I	0ALZT05010108	2- 106	A D		В	
ľ	0 A L Z V 1 2 C K 1 0 4 E	2- 111	A D		С	
Ļ	OALZW8AA473DJ	2- 110	AA	<u>. </u>	С	
ŀ	0 A L ZW8 8 3 4 7 3 1 8	2- 109	A F	A	, B.	
຺⊦	OALZY05600045 OALZZ05200138	2- 108 2107	_ A Q A_Q	<u></u>	B. :B	
╬	0 A L I 0 I K F G - 0 0 I	2- 18	X_V A V		B-	
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